

Biological bases of behaviour

Total number of ECTS credits		6
Type		Basic
Temporal organisation		Year 1; Semester 2
Modality		Face-to-face
Language		English
Contents	• Psychobiology: Evolutionary origins • Genetics and human behaviour • Ontogeny of the Nervous System • Neurophysiology of the nervous system • neurons and support cells • neuronal communication: the synapse and the action potential • neurotransmitters • Neuroanatomy of the nervous system • Protection systems of the NS • Vascularisation of the NS • Axes and planes for examining the NS • Peripheral nervous system: parts and divisions • or Central nervous system: main structures	
DEGREE learning outcomes	Knowledge and content	CC9 Understand the structural and functional neurological bases related to human behaviour.
	Skills and abilities	HD4 Identify abnormalities related to human behaviour.
	Competences	CP8 Distinguish the anatomical characteristics of the nervous system in order to analyse their relationship with normal and pathological human behaviour.
SUBJECT learning outcomes • Describe the main components of the Nervous System. • Analyse the functioning of the different areas of the brain. • Identify neurons and glial cells according to their function and morphology.		

Face-to-face modality	Training activities		Total hours	
	Lectures		28	
	Seminars		4	
	Practical classes		26	
	Viewing and analysis of audiovisual content		6	
	Tutorials		12	
	Independent work		72	
	Final assessment test		2	
	Total		150	
	Assessment systems		MINIMUM	MAXIMUM
	Final assessment: face-to-face test or exam		50	50
	Problem solving		10	30
	Case studies - Projects		10	30
	Other continuous assessment activities		0	10
	Total		70	120

