ID	3591
Curricular Unit	Neurobiological Development
Regent	
Learning Outcomes	1. Understanding the Fundamentals of Structural and Functional Neurobiology . 2 Know the Organization and Functioning of the Motor System: tone , Posture and Movement 3. Knowing the essential aspects of Control Neurobiological the " Performance " Human
Syllabus	I. Introduction: Neuroscience and Behavior Conceptual Location of Neurobiology of Behavior (NC) Scope of Investigation in NC II. Structural and Functional Basis of Neurobiology Origin of Nervous System (SN) and Emergency Behavior Principles of Brain Development and Organization Paradigms SN: Bio-Potential; Bio-conservative; Critical Period Neurobiological plasticity and complexity. Requirements Mediatization Retrogénese neurobiology: Problems and Complexity III. Organization and Operation of Motor System: tone , Posture and Movement Functional significance of tone / Vigilidade Adaptive Strategies and Control of Posture Semiology and Postural Syndromes Multisensory convergence: Complementarity Informational / Sensory Substitution Engine Components System: Hierarchical Organization Hemispheric s
Evaluation	Theme-working preparation.

Bibliography	Main Bibliography: Adams, G.; Mászaros, I.; Banyai, I. (1980). Brain and Behavior. Pergamon Press. Amiel-Tison, C. (2001). Perinatal Neurology. Massion, SA Bayer, S.; Altman, J. (1991). Neocortical Development. Raven Press.Andreassi J. (1995). Psychophysiology: Human Behavior and Physiological Response. Third Ed New Jersey: Lawrence EribaumAssociates.Bear, M.; Connors, B.; Paradiso, M. (2001). Neuroscience: Exploring the Brain. Lippincott Williams & Wikins. . Ghez, C. (1985). Voluntary Movement. In Kandel, ER & Schwartz, JH / Eds.). Principles of Neural Science (pp. 487-501). New York: Elsevier Science Publishers. Iñguez, CG (2000). Aproximación Theoretical and Experimental Study of al la the Attention Surveillance Sostenida. Valencia: Cristobál Serrano Vilalba. Kandel,RK; Schwartz,JH; Jessel, MJ (1995). Essentials of Neural Science and Behavior.McGraw-Hill. Katz, P.(1995).Intrinsic and Extrinsic Neuromodulation of Motor Circuits.Current Opinion Neurobiology, 5, 799-808