

## 1<sup>st</sup> Semester curricular units

### TOOLS IN NEUROSCIENCE | 15 ECTS

Oct 2-3, 2025	<b>*Nature Seminars: Nature Portfolio and Science Careers   1 ECTS</b> Filipe Almeida (Nature Biomedical Engineering), Mónica Santos
Oct 10-Jan 30, 2026	<b>Introduction to scientific programming   4 ECTS</b> (all Friday afternoons) Renato Duarte
Oct 13-17, 2025	<b>*Building Scientific Culture through Science Communication   2 ECTS</b> Sara Amaral
Oct 14-17, 2025	<b>Workshop: From keypoints to behavior: Hands-on pose estimation and behavior analysis   1 ECTS (external)</b> NenckiOpenLab & DynaBrain
Oct 20-24, 2025	<b>*Bridging the Gap: From Discovery to Market   2 ECTS</b> Catarina Cunha Santos
Oct 27-31, 2025	<b>*Core Technologies @CNC   2 ECTS</b> Luísa Cortes
Nov 3-7, 2025	<b>*Experimental Research Design &amp; Responsible Practices   2 ECTS</b> Teresa Cunha-Oliveira, Elsa Henriques, Ana Duarte & Paulo Matafome
Nov 3-7, 2025	<b>Sensors, Electronics and Hardware   2 ECTS</b> Hugo Marques (CF), Cristina Márquez
Nov 10-14, 2025	<b>Electrophysiology   2 ECTS</b> Paulo Pinheiro
TBD	<b>Laboratory Animal course   5 ECTS (external)</b> TBD
Dec 2-4, 9-10, 2025	<b>Bioinformatics and Data Science for Neuroscience   3 ECTS</b> Cesar Texeira & Joel Arrais (CISUC)
Jan 26-30, 2026	<b>*Principles and Practices in Drug Development   2 ECTS</b> João Nuno Moreira, Luís P. Almeida, Sérgio Simões, Stan Finkelstein (MIT)
Late Feb, 2026	<b>Ethics in Neuroscience Research   1 ECTS</b> Ana Luísa Carvalho, Cristina Márquez, Pim Haselager (Donders, The Netherlands)

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### ADVANCES IN INTEGRATIVE NEUROSCIENCE I | 15 ECTS

Jan 5-9, 2026	<b>*Synapse assemble, function and plasticity   3 ECTS</b> Ana Luísa Carvalho, Carlos Duarte & Paulo Pinheiro
Jan 12-16, 2026	<b>*Neural circuits and behavior   3 ECTS</b> João Peça, Ana Luísa Cardoso & Cristina Márquez
Jan 19-23, 2026	<b>*Unravelling Brain Disorders: Molecular and Cellular Mechanisms from Development to Degeneration   3 ECTS</b> Ana Cristina Rego, Cláudia Pereira & Sandra Morais Cardoso
Jan 26-30, 2026	<b>Cognitive Neuroscience   3 ECTS</b> Miguel Castelo Branco
Jan 26-30, 2026	<b>**Neuroscience and Mental Health   3 ECTS</b> Ana Cristina Rego & Maria Isabel Santana
Feb 2-6, 2026	<b>Systems and computational neuroscience   3 ECTS</b> Cristina Márquez & Renato Duarte
Feb 9-13, 2026	<b>Neuromodulation   3 ECTS</b> Rodrigo Cunha

## 2<sup>nd</sup> Semester curricular units

During second semester, days to be agreed with students	<b>Seminars and Pre-talks Journal Clubs   4 ECTS</b> Cristina Márquez
End Feb - Mar 2026	<b>2 weeks lab rotations   6 ECTS</b> Cristina Márquez
Jun 2026	<b>Thesis Project defense   20 ECTS</b> Ana Luísa Carvalho & Cristina Márquez

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