

## Iulia Comşa, Computational Neuroscience, and Cognitive Robotics (CNCR)

I enrolled onto the Computational Neuroscience, and Cognitive Robotics (CNCR) MRes\* because I wanted to apply my computer science background in neuroscience.

The course successfully introduced me to computational and cognitive neuroscience and I am very happy with the research and transferable skills that I acquired. Besides learning how to write scientific papers and academic reports, the MRes trained me to pick up essential information from research literature in order to develop my own research, and refined my critical thinking abilities.

In my research placements, I investigated how we can predict if someone is a "good learner" using behavioural and MRI data, and I modelled the EEG under the influence of Propofol using a neural population model. In my final project, I explored how tDCS neurostimulation can improve the EEG signal-to-noise ratio and I developed an EEG brain-computer interface with robotic feedback provided by a Lego Mindstorms robot.

\* The [CNCR masters course \(/postgraduate/courses/taught/psych/computation-neuro-cognitive-robotics.aspx\)](http://postgraduate/courses/taught/psych/computation-neuro-cognitive-robotics.aspx) is now taught as an MSc.



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