



MSc in Behavioural Neuroscience

(One Year Full Time)



Introduction

The MSc in Behavioral Neuroscience offers advanced education and training in topics concerning human behavior and its relation to the brain. The programme provides an excellent preparation for students who wish to pursue doctoral research in psychology, neuroscience or neuropsychology and equips students for work in research, medical and health settings. Students will gain key skills in research methods, experimental design, programming & data analysis. This is achieved through lab rotation and by pairing students with academic supervisors based on their research interests to complete a 30-credit research project.

Behavioural Neuroscience is an interdisciplinary field which combines expertise from a range of disciplines, including Psychology, Neuroscience, Engineering and Economics. Teaching on the MSc will be provided by UCD faculty with backgrounds in wide-ranging but complementary fields, cutting across boundaries to provide students with new insights into this exciting topic. The programme also offers students the opportunity to get involved in staff research and to work together to produce a successful research thesis.

Programme Highlight

The School of Psychology has laboratories dedicated to the study of Attention & Memory, Perception, Neuropsychology and Media Psychology and has high-density mobile EEG, neuronavigated TMS, high-definition transcranial electric current stimulation (tES), and high-resolution eye-trackers. The School has research links with Trinity College Institute of Neuroscience and St Vincent's Hospital.

Programme Content and Structure

90 credits Taught Masters = **55 credits** Core Modules + **35 credits** Optional Modules

Core Modules:

- Adv Statistics in R and Research Methods
- Knowledge Transfer
- Behavioural Neuroscience Research
- BN Labs 1: Behavioural Measures
- Behavioural Neuroscience Labs 2: Physiology
- Recent Papers in Behavioural Neuroscience

Optional Modules:

- Sensory Neuroscience
- Principles of Neuroscience
- Higher Cortical Function
- Advanced Disability Studies
- Clinical Cases in Neuropsychology
- Readings in Visual & Social Cognition
- Fundamentals of Neuropsych
- Advanced Cognitive Psychology
- Topics in Psychological Science
- Embodied & Social Cognitive Neuroscience

Why study at UCD?



Graduate Education

12,000 graduate students; 17% graduate research students; structured PhDs



Graduate Employability

Ranked no. 1 in Ireland in QS Graduate Employability ranking



Global Careers

Dedicated careers support; 2 year stayback visa to work in Ireland



Global Community

8,500 international students and 300,000 alumni network across 165 countries



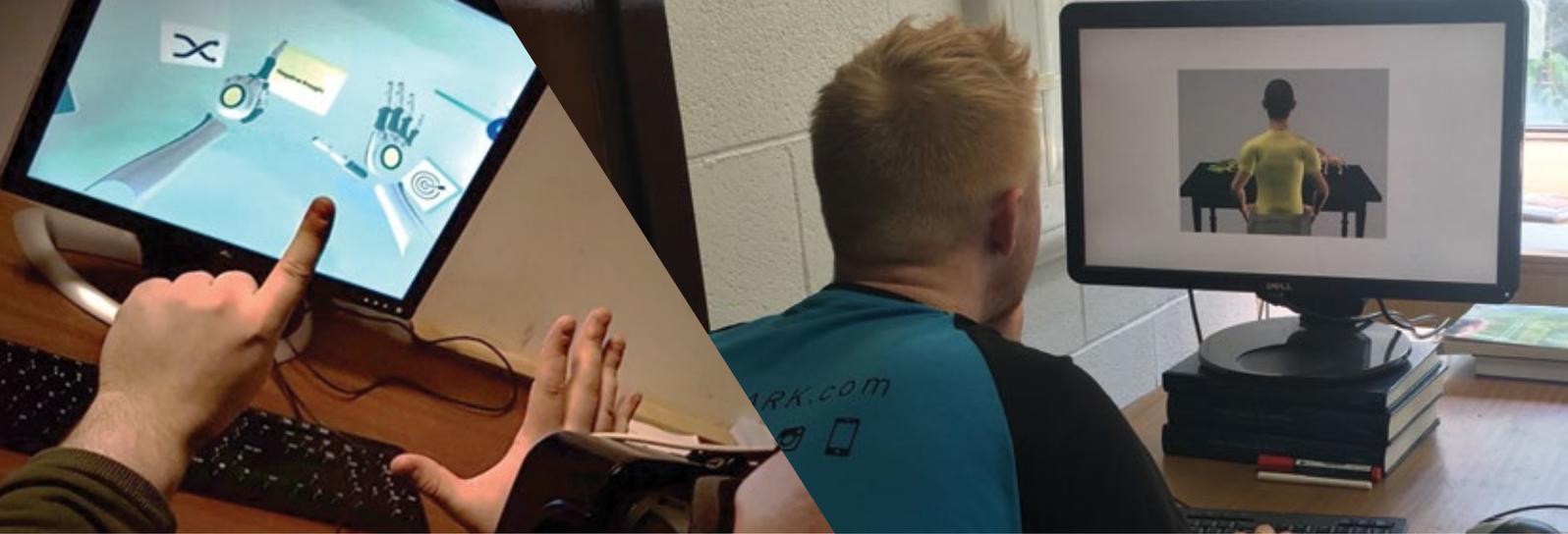
Global Profile

UCD is ranked in the top 1% of higher education institutions worldwide



Welcoming Campus

Modern parkland campus with 24 hr security. Wide range of facilities, clubs, societies and supports



Career Opportunities

The MSc in Behavioural Neuroscience provides an excellent background for students wishing to pursue a PhD in Psychology or Behavioural Neuroscience and a career as an academic or research scientist. With core emphasis on research design, data visualization and analysis the MSc also equips students for work in research, medical and health settings.

As research in behavioural neuroscience increasingly informs public policy in areas pertaining to mental health, education and childcare the skills and education provided on the programme should benefit those interested in careers in these areas.

Graduate Profile



Nora King

I found the programme to be very beneficial to the ongoing progression of my career. The modules were aligned with my interests in neuroscience and neuropsychology. In particular, both the Clinical Cases in Neuropsychology module and the Neuropsychological Testing practical lab provided me with transferable skills that I apply in my current role of Assistant Psychologist as part of the Neuropsychology Team in St. Vincent's University Hospital. I developed a range of additional skills and learned about research methodologies that are unique to the programme, such as eye-tracking, virtual reality, and EEG methods. Aside from the course content, the staff went above and beyond expectations by providing continuous individualised support with work and research opportunities.

Applicant Profile

- A primary degree with at least upper second class honours or international equivalent in Psychology or in Neuroscience or a Higher Diploma in Psychology with at least upper second class honours.
- We will also consider applicants with at least an upper second class honours degree in a cognate area that provides appropriate background to the programme.
- Applicants whose first language is not English must also demonstrate English language proficiency of IELTS 7.0 (no band less than 6.5 in each element), or equivalent.

Fees and Scholarships

Tuition fee information is available on www.ucd.ie/fees. Please note that UCD offers a number of graduate scholarships for full-time, self-funding international students, holding an offer of a place on a UCD masters programme. Please see www.ucd.ie/global/scholarships for further information.

Related Masters

- MSc Cognitive Science

CONTACT US

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APPLY NOW

This programme receives significant interest so please apply early online at

www.ucd.ie/apply