An exciting and unique postgraduate programme that seeks to enhance your understanding of key theoretical and practical issues about typical and atypical development in children and young people.
MSc Developmental Cognitive Science

How do children learn to reason in increasingly abstract ways? How do they learn language with such remarkable speed and fluidity? How do they use those reasoning and language skills to help them explain and understand people’s behaviour and emotions?

These are examples of the types of questions that you will explore in this programme in Developmental Cognitive Science, an interdisciplinary field that brings together such disciplines as Developmental Psychology, Cognitive Psychology, Computational Science, Neuroscience and Linguistics.

This unique programme draws on the University of Edinburgh’s long tradition of research expertise in developmental psychology and cognitive science and seeks to enhance your understanding of key theoretical and practical issues about typical and atypical development in children and young people. Using research techniques from different disciplines, you

Why study this programme at the University of Edinburgh?

The University of Edinburgh has a long tradition of expertise in developmental psychology and in cognitive science, and is ideally placed to bring these two disciplines together in one programme. The university has expert academics specialising in this area not only in the School of Philosophy, Psychology and Language Sciences but in other schools across the University.

Students will be taught by academics who have research expertise in two or more areas of the interdisciplinary area of developmental cognitive science.

The programme team has excellent links with cognitive science researchers both within the school and beyond it.

The programme team also has close associations with colleagues in the Centre for Research in Cognitive Ageing and Cognitive Epidemiology, which conducts world-leading interdisciplinary research on aging and life-span development.

The programme provides advanced training in research skills and offers access to excellent research facilities.

What will I study?

This programme comprises 9 core courses, 2 optional courses and a dissertation. Students have the opportunity to customise the programme to fit with their prior experience, intended dissertation topic and career goals.

Core courses:

• Univariate Statistics and Methodology using R
• Multivariate Statistics and Methodology using R
• Psychological Research Skills
• Current Topics in Psychological Research
• Introduction to Developmental Cognitive Science
• Research methods for Developmental Cognitive Science
• Seminar in Developmental Cognitive Science
• Current Topics in Developmental Cognitive Science
• Research internship in Developmental Cognitive Science

What outcome can I expect?

On successful completion of this programme, you will have gained:

An in-depth understanding of key theoretical and practical issues about typical and atypical development in children and young people, from a cognitive science perspective.

Knowledge of how questions about developmental changes in children’s cognitive abilities can be addressed using scientific methods drawn from a range of fields, including developmental psychology, cognitive psychology, computational modelling, neuroscience and linguistics.

The skills to conduct high quality original research in developmental cognitive science.

Critical thinking skills.

The ability to evaluate published research studies in developmental cognitive science.

The ability to make well-informed contributions to discussions about the interplay between developmental research and real-world applications/implications.

To find out more about MSc Developmental Cognitive Science visit:

www.ed.ac.uk/Shortened url to web page

www.ed.ac.uk/Shortened url here