MSc in Cognitive Science

Cognitive Science is an interdisciplinary field with applications in a number of fields like medical neuroscience, neural prosthetics, development of Artificial Intelligent Systems and Machine Learning, Behavioral Economics, and NeuroMarketing. The objective of the Master's program in Cognitive Science is to offer students from different backgrounds, access to a breadth of knowledge and research techniques in a wide range of areas in Cognitive Science.

The program will follow a structure of four semesters with a total of eighty credits required for graduation. The basic framework of the curriculum includes core courses, electives, and a research project. The program places a strong emphasis on both- coursework and a research project.

Core Courses:

The core courses establish a strong foundation for students coming from different backgrounds by offering a holistic understanding of cognitive science as a field of study. These courses equip students with a wide range of perspectives and approaches to cognition, the brain, and the mind.

The list of core courses:

Cognitive Psychology | Computation and Cognition | Philosophy of Mind |Fundamental Neuroscience |Research Methods | Experimental Techniques in Cognitive Science

Electives:

Keeping in mind the interdisciplinary spirit of Cognitive Science, the course offers a broad range of electives:

Learning and Memory | Perception and Attention | Cognition & Emotion | Behavioural Economics| Decision making | Artificial Intelligence | Nature Inspired Computing | Computational Neuroscience | Introduction to Paleoneuropsychology | Cognition and Culture – Anthropological Perspectives on the Human Mind | Neurorehabilitation | NeuroDesign | Phenomenology | Computational Approaches to Animal Intelligence |

Brain Imaging Methods | Human-Robot Interaction | Science Communication | Cognitive Linguistics

The MSc program places a strong emphasis on both course work and research project. The Research project is compulsory for the award of an MSc degree. It is expected that the thesis project will result in high-quality scholarly publications and national and international conference presentations.