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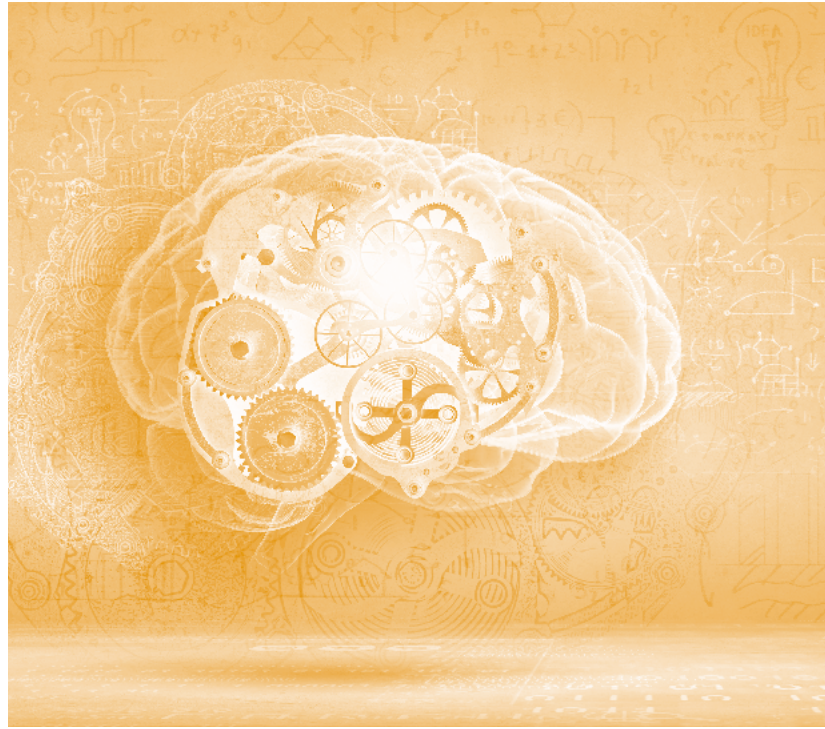www.ouc.ac.cy

University
of Cyprus

Faculty of Pure & Applied Sciences

Joint Master's Degree

COGNITIVE SYSTEMS

SCOPE OF THE PROGRAMME

To teach the new paradigm of cognitive computing, the programme brings together two main scientific areas: Cognitive Psychology, and Artificial Intelligence in Computer Science. Aiming, on the one hand, for the prospective students to understand the basis for human cognition, the programme is strongly influenced by Cognitive Psychology and includes modules that explore the fundamentals of perception, learning, mental representation, and reasoning in humans. Aiming, on the other hand, for the prospective students to be able to design cognitive systems, the programme places an emphasis on the investigation of computational methods and tools for understanding and designing cognitive systems, and includes modules from Connectionist and Symbolic Artificial Intelligence, from Machine Learning, and modules on recent developments in Cognitive Computing.

**Online applications 8/2 – 29/3/2017
at www.ouc.ac.cy
Reduced tuition fees, and scholarships**

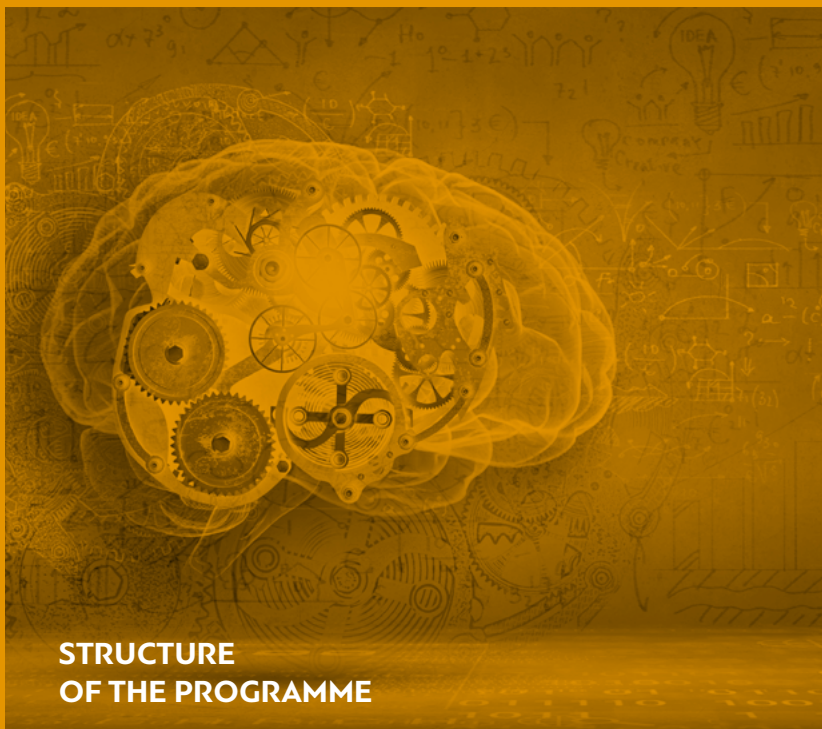2017—2018

Your place,
your pace,
your education!

EMPLOYMENT PROSPECTS

Many of the major computer companies in the world, such as IBM, Apple, Google, Facebook and Amazon, are today actively involved in Cognitive Computing and the development of Cognitive Systems. Graduates will be able to pursue careers in **Computer Science** and **Artificial Intelligence**, **Robotics**, **Cognitive Psychology** and **Human-Computer Interface Design**.

STRUCTURE OF THE PROGRAMME

For the successful completion of the joint Master's degree programme, which is offered in English, students must follow and successfully pass examinations:

- **in twelve (12) compulsory Thematic Units** ("modules"),
- **or nine (9) Thematic Units and complete a Master's Thesis**.

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