



# Cognitive Vision

## ***Common Core Courses: (40 ECTS points)***

Robot System Design, RMRSD, 10 ECTS

Introduction to Artificial Intelligence, RMAI1, 5 ECTS

Agent-oriented Programming, RMSSE1, 5 ECTS

Scientific Methods, RMSCM1, 5 ECTS

Robotronic - Hardware/Software Interface Methods for Robotronic, RMEMB1, 5 ECTS

Image Processing, RMVIS1, 5 ECTS

Introduction to Robotics, RMROB1, 5 ECTS

Introduction to Software Engineering, RMSSE0, 5 ECTS (for students only who lack the prerequisite knowledge required in software engineering and object-oriented programming; such students can defer the RMSSE1 course till the following semester).

## ***Elective and Profile Courses (40 ECTS points)***

Elective courses shall constitute no more than 20 ECTS of the course load.

Profile courses shall constitute no less than 20 ECTS of the course load. Examples of profile courses are: Advanced Topics of Computer Vision, RMVIS3, and Cognitive systems, RMVIS4

## ***The Thesis (30/40 ECTS points)***

This part consists of 10 ECTS allocated elective courses during the 9th semester, and 30 ECTS allocated writing the thesis during the 10th semester. If the thesis is of an experimental nature, students may include the elective part in the thesis part, thereby extending it to 12 months and 40 ECTS.

The thesis is, as default, done in groups of 2 students.

## ***Total Programme (120 ECTS points)***

