



# VIBOT - International programme in Vision & Robotics

## Masters in Computer Vision (M1 & M2)

Université de Bourgogne, Centre Universitaire Condorcet – France

### FIRST YEAR

#### **Semester 1 (30 ECTS)**

- > Digital Signal Processing
- > Introduction to Image Processing
- > Sensors and Digitization
- > Software Engineering
- > Applied Mathematics
- > Local Culture

#### **Semester 2 (30 ECTS)**

- > Probabilistics Robotics
- > Autonomous Robots
- > Scene Segmentation and Interpretation
- > Visual Perception
- > Medical Image Analysis
- > Local Culture

### SECOND YEAR

#### **Semester 3 (30 ECTS)**

- > Advanced Image Analysis
- > Multi-Sensor Fusion and Tracking
- > Real Time Imaging and Control
- > Robotics Project
- > Local Culture

#### **Semester 4 (30 ECTS)**

- > Research Training period or vocational training period taken in industry or at any of the partners' institutes.