



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
- > Machine learning for Image Understanding
- > Multiview geometry
- > Medical Image Analysis
- > Local Culture

SECOND YEAR

Semester 3 (30 ECTS)

- > Advanced Image Analysis
- > Multi-Sensor Fusion and Tracking
- > Computational imaging and inverse problems
- > 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.