

# Connected and Autonomous Vehicles

**Person in charge:** Frédéric AMIEL

**Prerequisite:**

**Organization:** 14 x 3h Lectures/Tutorials

**Evaluation:** Exam

**ECTS:** 5 credits

## Context

Nowadays, smart transportation systems are in the heart of urban policies. Connected cars, autonomous cars will permit in a near future to decrease drastically accidents. According to Business Intelligence, over 380 million connected cars will be on the road by 2021.

## Objectives

### *Skills*

In terms of skills, this module enables students consider the overall scheme of connected cars, from sensor to computation.

### *Knowledge*

- Sensors used in this context
- Communication car to car / car to urban equipment
- Autonomous driving

Various approaches with Lectures and labs will be used to teach the subject.

## References

Handouts