

**ADVANCED ELECTRONICS FOR SMART NODES (5 ECTS, S1
93001371):**

Introduction to smart nodes.

Power

sources.

Sensors, transducers and actuators: design, modelling and applications.

Instrumentation: development and certification.

Digital control.

Power consumption: low-power processing.

Multidisciplinary project/practicals (bioengineering, telemedicine, etc.)