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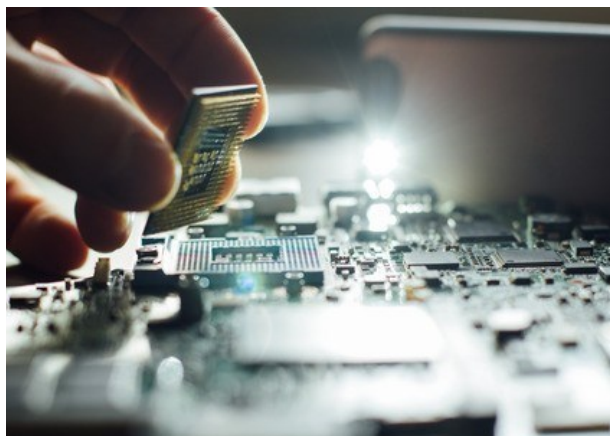
<http://sciences-techniques.u-bourgogne.fr>

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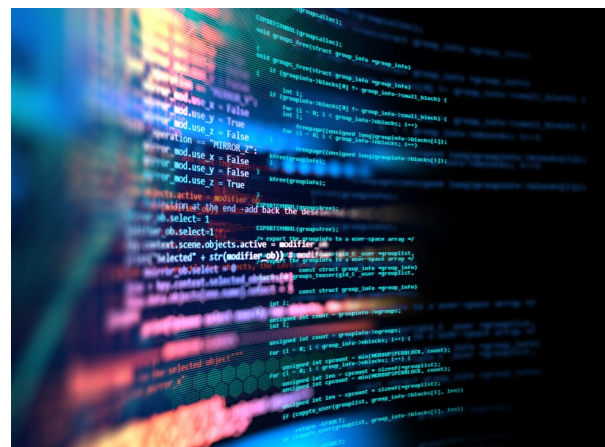


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Master 2 MSc in Advanced Electronic Systems Engineering (AESE)



**Mention Electronique,
Energie électrique, Automatique**



Master 2

MSc in Advanced Electronic Systems Engineering (AESE)

OBJECTIVES

The program aims to :

- enable MSc graduates to become quickly operational in industry at engineer level in the fields of electronics
- train graduates to master advanced techniques in electronics. They will have acquired the necessary skills to model, develop and build analogical, numerical, RF or even microwave frequency electronic systems, complying with electromagnetic immunity
- provide the fundamentals of modern electronics in theory and in practice, relevant both to Small and Medium-sized Enterprises (SMEs) or Multinationals.

ADMISSION

Selection of applying students with regards on C.V., motivation and recommendation references. This second year master course concerns first year MSc graduates in France, Europe or elsewhere in the world. Bachelor graduates coming from countries where BsC consists in 4 years of High Education Courses or with additional Professional experiences in industrial companies are also considered. In any case, a threshold level in English language is required depending on TOEIC, TOEFL, IELTS or equivalent test.

ACQUIRED COMPETENCES

The skills gained during the course are fully recognized in research career and industry.

Graduates can find positions in private or public sector, in consulting firms, in service industry, from SMEs to multinationals, for following fields : electronics, robotics, signal engineering, Research & Development units, scientific or computer science committees.

PROFESSIONAL OPENINGS

Graduates will be recognized as experts in analogical, numerical and RF electronics, Electronic card designer working with EMI standards and specialist in Electronic Design Automation (EDA).