



PROFESSIONAL BACHELOR (PB)

Acoustics and Vibrations

PRESENTATION

Training location: Le Mans

Level of training: BAC+3

Course duration : 1 year

ECTS credits : 60

Type : National diploma

Type of training : Initial training - Work-linked training

DESCRIPTION

The Acoustics and Vibration Professional Degree has been designed to follow the technical and technological evolution of the profession of qualified technician specialized in Acoustics and Vibration measurements.

EDUCATIONAL

OBJECTIVES

The main objectives of this degree are:

- to train level II specialists in acoustics and vibration, able to work in the transport, service and materials domains,
- to provide professional skills in acoustic and vibration measurement and modeling,
- to promote integration into the corporate world, thanks to a training program that includes practical instruction by acoustics and vibration specialists (professors, researchers and industrialists), and an internship of at least 13 weeks in a company,
- to provide access to professional skills in a university environment widely recognized, nationally and internationally, for its research and teaching in the field of acoustics and vibration,
- to bring students into direct contact with the realities of the professional world, thanks to a strong involvement of the industrial engineering sector in the training program.

SKILLS AND ABILITIES DEVELOPED

Qualified technician specialized in Acoustics and Vibration measurements.

Skills or abilities:

- to carry out acoustic and vibration measurements,
- to carry out simulations using numerical acoustic and vibration codes,
- to analyze the results of these measurements or simulations.



ADMISSION

Log onto the Le Mans Université eandidats website <https://ecandidats.univ-lemans.fr>.

Your application will be examined by the AV PB jury. You will receive the jury's final decision - Admitted, Refused, Admission on complementary list.

The PB mainly concerns students from :

- BUT Mesures Physiques
- Acoustics Bachelor from Le Mans Université
- BTS audiovisual in sound engineering

Special cases:

- If you are returning to school, please consult the Continuing Education website beforehand (<http://www.univ-lemans.fr/fr/formation/formation-continue/reprise-d-etudes-et-validation-des-acquis.html>)
- If you are an international student, please consult the international page (<https://www.univ-lemans.fr/fr/international/venir-a-l-universite.html>)

FURTHER STUDIES

The professional bachelor enables students to rapidly obtain a professional qualification for direct integration into working life.

The PB does not specifically prepare students for a Master's degree. In this case, a General Bachelor third year should be considered before applying for the Master.

PROSPECTS AND CAREER OPPORTUNITIES

All domains of activity concerned with sound and problems related to noise and vibration:

- Design or inspection offices
- Transportation-related companies
- Major groups specializing in acoustics and industrial vibrations

CONTACTS

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For further informations: <https://iags.univ-lemans.fr/fr/nos-formations/bac-1-a-bac-8-en-acoustique.html>