



UNITA POSTGRADUATE INTERNSHIPS (WP4)
Université de Pau et des Pays de l'Adour (UPPA)

1. GENERAL INFORMATION

- Entity : Laboratoire SIAME – Université de Pau et des Pays de l'Adour (UPPA) – France. In Collaboration with L'APESA (Association pour l'Environnement et la Sécurité en Aquitaine)
- **UNITA Liaison service contact and e-mail: xavier.peres@univ-pau.fr**

2. INTERNSHIP TRAINING PROJECT

- Degree requested Master 1 or Master 2 (or equivalent: engineering school)
- Transversal competences
Ability to learn - Creativity – Enthusiasm – Initiative – Planning and organizing
Working with others – Communication skills
- Specific competencies (*Specific competencies of the university degree that will be acquired during the internship. Please, include at least five competencies*)
 - Literature review
 - Fluid physics & Biophysics (microalgae)
 - Process engineering
 - Analytical methods
 - Management of a research project with different partners
- Main activities during the internship:
The objective of the Master's internship will be to characterize the rheological behavior of different samples and to participate in the handling and development of methods on an analytical device (rheometer). The samples to be characterized are part of various research projects.
- Sustainable Development Goals (SDGs) (*Please, indicate at least two SDGs linked to the internship*)
Industry, innovation and infrastructure
Response consumption and production
Life below water
- Academic tutor at the University and e-mail:
Yves Le Guer (Associate Professor): yves.leguer@univ-pau.fr

3. CONDITIONS AND PROFILE OF THE INTERNSHIP

- Number of places offered: **1**
- Place of realization of the internship
Pau university (south of France)
- Full address
Laboratoire SIAME, avenue de l'Université, 64000 Pau - France
- Scheduled start date (*will be specified once the request is approved*) April, 2023 (if possible)

- Scheduled end date (*It will be set depending on the schedule*).
July 31, August 31 or September 30 (if August not worked)
- Scheduled time (*Specify the daily scheduled time*).
7 hours / day to be defined with the student
- Total hours (*Please, calculate the total hours taking to account the schedule and dates, holidays, etc. The number of hours must be following the internship's schedule and duration*).
For a 4-month internship (16 weeks): 360 hours
- Contact person at the entity/company (*Different from the academic tutor*)
- Legal representative
Prof. Laurent Pécastaing, head of the SIAME Laboratory
- Address of the Entity or Company
Laboratoire SIAME, avenue de l'Université, 64000 Pau - France
- **Other requirements** (Languages, others...)
Proficiency in English is required

4. GRANTS DETAILS

Expenses paid by the University or the entity:

Amount: 600 € /month

Payment by bank transfer

(*Specify amount, period, payment method, etc.*)

5. OBSERVATIONS