

Internship at LEPAMAP-PRODIS

Background: Join the dynamic LEPAMAP-PRODIS team at the University of Girona (UdG) to engage in transformative research and development related to sustainable materials. This internship is hosted at the LEPAMAP-PRODIS research group's laboratories and pilot plants, offering a unique opportunity to contribute to leading-edge projects.

Project description: The selected candidates will have the opportunity to actively participate in supporting the diverse initiatives of LEPAMAP-PRODIS, focusing on:

- Nanocellulose production, characterization, and its various applications.
- Development and testing of composite materials and advanced rheology modifiers.
- Innovative papermaking techniques and sustainability practices.
- Valorization of industrial residues for new uses in sustainable product designs.
- Application of circular economy principles to industrial processes and materials engineering.
- Development of novel polysaccharide-based materials.

Required skills and/or qualifications:

- Bachelor's students in Chemical Engineering, Mechanical Engineering or Industrial Engineering.
- Master students in Industrial Engineering.
- Interest in sustainable materials, green technologies, industrial processes, circular economy and bioeconomy.
- Willingness to perform hands-on experiments.

Remuneration: 8 €/h

Dedication: 350 h

Positions: 2