



Formulation Chemist Internship in Material Science Department

Location: BIOWEG Headquarter. 49610 Quakenbrück, Germany

Job Description

If you're an aspiring chemist who's passionate about material science and sustainability, consider joining us as an intern at BIOWEG. You'll be at the forefront of transformative projects that will challenge, inspire, and empower you to learn and grow.

About BIOWEG

BIOWEG is a purpose-driven startup that is developing functional and biodegradable alternatives to eliminate microplastics from our daily lives. Our innovative approach combines upcycling waste streams in a circular fermentation process, powered by Green Chemistry principles to result in highly functional and pure fermented cellulose ingredients. We are on a mission to revolutionize multiple industries, including cosmetics, personal care, nutraceuticals, agricultural coatings, and food/beverage. We are more than a company; we are a dynamic force, driving the change we want to see in the world. Join our diverse and relentless team to create a better world and a lasting, sustainable impact!

Role and Responsibilities

- Strong understanding of client requirements and ability to create products accordingly.
- Formulate and develop new and innovative products and improve current formulations.
- Stay ahead of trends in the cosmetic fields, build depth of understanding and share new product concept approaches with the team.
- Must have good knowledge of all laboratory equipment needed to perform the essential functions.
- Write, review, and approve procedures, protocols, and specifications for production and pilot batches.
- Must prepare and maintain all records of formulas, SOP, MSDS, COA, etc.
- Responsible for stability analysis for all types of formulations, laboratory, and data organization

Qualifications and Experience

- Currently pursuing a Master in or related to Polymer/Material Science & Engineering, Chemistry, Organic Chemistry
- Experience of 0-2 years in the cosmetic or coating formulation industry and surfactants is desired.
- Exposure to working with chemical laboratory, knowledge of DOE and quality tools would be considered an advantage.
- Must have the ability to work in a fast-paced environment and collaborate on interdisciplinary projects related to Polymers, Biopolymer or Biomaterials
- Experience with tools for material analysis especially Rheometer, FT-IR, DSC, SEM, TEM, DMA, XRD, Raman Spectrophotometer, etc. are a plus.
- Strong attention to detail and problem-solving thinking
- Approaches challenges with a natural sense of curiosity and likes to find new solutions for them.
- Excellent communication and interpersonal skills, with the ability to work collaboratively in a multicultural team environment.
- Fluency in English, both verbal and written
- Proficiency in Microsoft Office, particularly Excel and PowerPoint is required.

Our offer

This internship offers a unique opportunity to gain valuable experience in a fast-paced startup environment while contributing to a mission-driven company that is making a positive impact on the planet. You will work alongside a team of talented and passionate professionals who are committed to sustainability and innovation. We offer a supportive and inclusive work culture where your ideas and contributions will be valued and



recognized. If you are eager to learn and motivated to make a difference, we encourage you to apply and become part of our team at BIOWEG.

Have we sparked your interest? Send us your **CV** (or equivalent) and **Cover Letter** in English as a single PDF to contact@bioweg.com. We look forward to hearing from you!