

Vacancy: Intern Chemistry

Recover copper & silver from water

Do you want to mean something to the world and work on real-life assignments in an international environment? Then why not choose an internship or graduation position at the Centre of Expertise Water Technology (CEW), at WaterCampus Leeuwarden?

CEW devises, researches and tests innovative solutions for the increasing global problems related to climate, environment, water and food, commissioned by companies and governments. CEW does this together with students, teachers and researchers from universities of applied sciences.

CEW is looking for:

An active chemistry student, applied sciences level, who likes to roll up his or her sleeves in the laboratory.

What you are going to do:

For a client, you will test a system to recover copper and silver from water to prevent these heavy metals from being discharged into the sewage treatment plant (SWTP) and surface water. Copper and silver are used by the client to prevent the formation of biofilm and to kill legionella. To determine the effectiveness of this recovery system, you first build a test set-up and then carry out a number of tests and possible optimisations in the laboratory.

Your working environment:

Our office is located at WaterCampus, Oostergoweg 9 in Leeuwarden, The Netherlands. Here you will do your internship in a team of permanent employees and a group of students (10 to 20). In addition, you can regularly be found in the Water Application Centre (WAC), where we do a lot of our research and at the demosite Sentech in Glimmen.

Your profile:

You are naturally curious and entrepreneurial. You can work independently, but also in a team. You are not afraid to ask for help or consult if necessary. You are not easily frightened by setbacks, but instead look for solutions.

What we offer you:

- * A socially relevant internship;
- * personal and expert guidance;
- * support with communication skills;
- * an international team with an informal atmosphere;
- * regular social activities;
- * a competitive internship allowance.

Your response:

Has what you've read here made you enthusiastic? Then please send an email describing your motivation and background to studenten@cew.nl, subject: '**Vacancy: 2020275**'.

For more information you can contact Maarten Trilsbeek, tel. **058 210 09 19** or visit www.cew.nl.

