

# Vacancy: Chemical Technology or Environmental Technology

## *Remove medicine residues from waste 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:**

A proactive student of Chemical Technology or Environmental Science, who in addition to lab and computer work also likes to be practically engaged in the field.

### **This is what you are going to do:**

Due to the aging population and, associated with this, the increasing use of medicines more and more medicine remains in the surface water. Wastewater treatment plants (WWTPs) do not succeed in completely removing those residues from the wastewater before it is discharged. Animals and plants can then suffer from this in surface water.

A client of the CEW has now developed a technology, based on cavitation, with which the medicine residues can be removed more effectively. It is up to you to research and help optimize this technology by adjusting the correct system parameters.

### **You working environment:**

Our office is located at WaterCampus, Oostergoweg 9 in Leeuwarden, The Netherlands. Here you will do an internship in a team of permanent employees and a group of students (10 to 20). You will also conduct research at the Antonius Hospital demo site in Sneek and at the Water Application Centre (WAC) in Leeuwarden.

### **You profile:**

You are interested in the process side of chemical technology. You are naturally curious and analytically laid out. You work well independently, but are not afraid to ask for help if necessary. You are not discouraged 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](mailto:studenten@cew.nl), subject: "Vacancy: 2020269". For more information you can contact Maarten Trilsbeek, **tel. 058 210 09 19** or visit [www.cew.nl](http://www.cew.nl).

