**Assistant Professor Biotechnology for Sustainable Food Security**

**[Specifications]**

Faculty/Department Applied Sciences/Biotechnology

Job type Assistant Professor  
Associate Professor

Academic Career Track

Scientific field Xxx

Hours per week XX

Salary - € X,XXX - X,XXX

Desired level of education: PhD   
Vacancy number [generated automatically]

**Challenge**: Assessing the complex value chain and sustainability of novel food production technologies.

**Change**: Conducting sociological research geared to biotechnological innovations.

**Impact**: Securing healthy diets and meeting food demands of a growing population.

**[Job description]**

As the world’s population continues to grow, so does the demand for food. Yet food systems are vulnerable, particularly due to climate change, urbanisation, and their pressure on natural ecosystems, including freshwater consumption and greenhouse gas emissions. How do we secure healthy diets and sustainable food production for people across the globe? At TU Delft, we conduct research into and apply scientific advances in biotechnology to develop and test novel approaches to food production, using bio-based catalysts and microorganisms. But what is the social, environmental and techno-economic impact of such innovations and how do we design sustainable systems for food security? That’s your challenge as Assistant Professor in Biotechnology for Sustainable Food Security at TU Delft.

The protein transition takes centre stage in designing new sustainable and equitable food systems. As innovations, ranging from cultured meat to precision fermentation, emerge, you will develop, design and apply novel approaches to comprehensive impact assessment. And you will conceptualise sustainable food systems, embracing co-creation with stakeholders in the value chain. To realise your vision and research line, you will build a team of PhD students, whom you’ll supervise to completion, and attract funding. In addition, you will help us grow our network of stakeholders, ranging from NGOs and the Food and Agriculture Organization of the United Nations to the dairy and food technology industry. And you will disseminate your knowledge and findings, teaching BSc and MSc students, writing papers and speaking at conferences.

You will join our diverse and inclusive team of professors, PhD students and postdocs at the Biotechnology and Society Section. Our different cultural backgrounds and inclinations help us view our research from different perspectives. We share a drive to devise strategies for responsible, biotechnology-based innovation and circularity in fields ranging from fuels and chemicals to feed and food. You’ll be working closely with like-minded, highly motivated colleagues from our department, faculty and other faculties. Working in a pioneering environment, with disciplines ranging from anthropology and philosophy to biochemical engineering and biotechnology, we share knowledge and ideas, welcoming yours. We also regularly join in social activities and will give you all the support you need to grow your academic career.

**[Requirements}**

You thrive on developing entirely new approaches to researching complex systems and value chains geared to food security and nutrition for the global population. Developing your own research, you harness your communication skills to inspire and convince stakeholders of your research proposals. As you will be working in an interdisciplinary field, you have a keen interest in biotechnology, environmental technology and social sciences & humanities, which you will embed in your own research. And you enjoy teaching and interacting with students, while developing your own competencies.

You also have:

* A PhD in a subject involving impact assessment, such as life cycle assessment or responsible research and innovation.
* A demonstrable background in biotechnology, industrial ecology, cellular agriculture, food technology or another relevant subject.
* A good command of spoken and written English, as you’ll be working in an internationally diverse community. And a command of Dutch, or the willingness to learn the language, to facilitate first-year BSc teaching and your contacts with Dutch stakeholders.

**[Conditions of employment]**

[Automatically completed by recruitment system]

**[TU Delft (Delft University of Technology)]**

[Automatically completed by recruitment system]

**[Department]**

[Automatically completed by recruitment system

**Additional information**

If you would like more information about this role, please contact please contact [name], [role], email [email address].

If you would like more information about the selection procedure, please contact [name], [role], email [email address]

**Application procedure**

To apply, please complete the application form [link] and add the following documents to your application:

1. Motivation letter.
2. Detailed CV.
3. Recent teaching evaluations (if available).
4. Teaching statement (if available).
5. Research statement.
6. At least three relevant publications.
7. Names and contact information of at least three relevant references. We will not contact references without your consent.

Please apply before [date].

After the first selection, video interviews will be held on [dates]. The interviews at TU Delft will take place on [dates].

**[Metatitle]**

Assistant Professor Biotechnology for Sustainable Food Security | TU Delft

**[Metadescription]**

Help secure healthy diets and meet food demands of a growing population as Assistant Professor Biotechnology for Sustainable Food Production at TU Delft.

**[Intro’s social media 3x]**

The growing food demand and the impact of food production on the world’s ecosystem drives the protein transformation. As biotechnical innovations emerge, the societal, environmental, and techno-economic impact must be assessed to devise sustainable food systems. That’s your challenge as Assistant Professor in Biotechnology for Sustainable Food Security at TU Delft. Join us!

As we strive to meet the demand for food of an ever growing population, the protein transformation is crucial. As an Assistant Professor at TU Delft, you will develop novel methods to assess the societal and environmental impact as well as the economic feasibility of emerging biotechnical innovations, based on which you will conceptualise sustainable food systems for food security. Apply now!

Contribute to world-class education and groundbreaking research as Assistant Professor in Biotechnology for Sustainable Food Security at TU Delft. In this role you will develop your own research line geared to comprehensive impact assessment of novel food production processes and conceptualise sustainable food systems. Interested? Apply now!

**[Relevante hashtags]**

#vacancy #workingatTUDelft #AssistantProfessor #academiccareertrack #foodsecurity #biotechnology #foodtechnology