

 Targeted job

## DTU Global Top Student Programme - Internship at BRIGHT: Net Zero Agriculture



### DTU Biotechnology Research Institute for the Green Transition

Government/ Charity/ Public Institution/ Other  
Engineering

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Contract

**Internship 4 to 9 months**

Location

**Kongens Lyngby, Region Hovedstaden (Denmark)**

Start date

**January 2027**

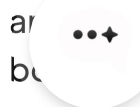
Salary

**Information not provided**

Remote working

**No remote working**

The Technical University of Denmark (DTU) is one of Europe's leading engineering universities, known for excellence in research, education, innovation, and scientific advice. We work closely with industry and international partners to apply science and technology for societal benefit in an interdisciplinary and inclusive environment.

This internship is offered through DTU's Global Top Student Programme. Only top bachelor students nominated by their home university are eligible to apply. As participants, you will join a  our academic environment where theory meets practice, and students develop both professionally and personally.

## **Job Description**

BRiGHT, The Biotechnology Research Center for Green Transition, is part of the Technical University of Denmark (DTU) and develops sustainable biological solutions to address some of society's greatest challenges in food, materials, and crop production. By combining microbiology, omics, synthetic biology, and data science, BRiGHT develops innovative technologies that accelerate the green transition and support a more sustainable bioeconomy. The center is characterized by an international and collaborative research environment, strong industry engagement, and a commitment to translating scientific discoveries into real-world impact.

You will join the Net Zero Agriculture Team, LatAm value chains within the BRiGHT Mission 3 program. Our multidisciplinary team consists of researchers, engineers, postdoctoral fellows, PhD students, and international collaborators working together to develop next-generation biological solutions for sustainable agriculture. Our research focuses on beneficial microbes and their biomolecules to develop sustainable crop protection technologies. We work closely with academic partners, industry, and agricultural stakeholders in Denmark, and Latin America, to develop technologies that reduce crop losses, decrease pesticide use, and support sustainable food production.

You will work closely with experienced researchers and contribute to cutting-edge projects at the intersection of microbiology, biotechnology, agriculture, and sustainability. You will have the opportunity to gain hands-on experience in modern biological research while contributing to projects with tangible societal and environmental impact.

### **Your tasks may include (but are not limited to):**

- Supporting ongoing research projects related to crop protection, microbial engineering, or natural product discovery.
- Assisting with laboratory experiments involving microorganisms like fungi and bacteria
- Collecting, processing, and analyzing biological, genomic, metabolomic, or environmental data.
- Supporting bioinformatics, computational biology, or data-analysis workflows.
- Preparing reports, presentations, scientific figures, and technical documentation.
- Participating in team meetings, seminars, workshops, and project discussions.
- Collaborating with researchers, students, and external partners
- Identifying opportunities and Quantifying sustainability impacts of large-scale applications of BRiGHT Mission 3 BioSolutions.

The exact tasks and responsibilities will be adapted to your academic background, interests, and skills.

## Qualifications

We are looking for a motivated and curious candidate who:

- Is currently enrolled in the final year of a Bachelor's degree program
- Has a background in agronomy, biotechnology, microbiology, bioengineering, environmental sciences, chemistry, computer science, data science, and related fields
- Has relevant academic or practical experience in microbiology, chemistry, analytics, bioinformatics, agronomy
- Has an interest in sustainable agriculture
- Is passionate about sustainability, analytical, structured, and able to work independently
- Has good collaboration and communication skills
- Has demonstrated proficiency in written and spoken English, documented by one of the following English language tests. Minimum required scores are:
  - Duolingo English Test (overall: 120)
  - TOEFL (old scale overall: 92, new scale overall: 4.5)
  - IELTS Academic (overall: 6.5)
  - CAE (overall: 180)

You can read more about the language test requirements [here](#).

## What we offer

DTU offers a prestigious internship at the Lyngby Campus in Greater Copenhagen, providing hands-on research experience in an international academic environment. Interns collaborate with leading researchers on advanced projects while developing their professional skills in a supportive setting.

Living in Greater Copenhagen also offers international students a high quality of life, a strong academic community, and a vibrant city experience in Denmark's capital region.

As part of the internship, the student will also become a member of DTU's alumni community network, gaining access to a range of exclusive offers and support, including:

- Administrative and practical support – assistance with residence permits, housing, etc.
- Social and networking framework, including an introduction week, cultural activities, and semester events
- Parallel academic opportunities – coursework on the side

## Practical information:

- Internship period: 25 January 2027 – 25 June 2027 (one semester) or until 18 December 2027 (two semesters)
- Working hours: 25–37 hours per week, either full-time or part-time depending on whether the student chooses to take courses alongside the internship.
- Location: DTU Lyngby Campus in the Greater Copenhagen area
- Compensation: This is an unpaid internship

You can read more about the department here: <https://bright.dtu.dk/>

For useful information on the programme and student life at DTU, see [Global Top Student Programme](#) and [Student guide – DTU](#).

## **Application procedure**

The application procedure consists of two steps.

### **Step 1: Nomination**

In order to be considered for this programme, you must be nominated by your home university in the DTU Exchange Student system. Once you have been nominated, you must complete your nomination by uploading the following documents:

- Grade transcripts (in English) including an official description of the grading scale
- Documentation proving that you have passed one of the above English language tests

### **Step 2: Application**

To apply, please open the link "Apply now", fill out the online application form, and attach all your materials in English as PDF files. The files must include:

- A CV including information about your education, relevant research experience, language skills, and other skills relevant to the internship position
- A motivated cover letter (max. 1 page)

Your complete online application must be submitted no later than 15 September 2026 (23:59 Danish time).

We look forward to receiving your application.

### ***DTU – For the benefit of society since 1829***

*DTU is one of Europe's leading elite technical universities. Through research and education at an international top level, we create solutions to the major societal challenges of our time and help secure Europe's global leadership in sustainable technological development. Since Hans*

*Christian Ørsted founded DTU almost 200 years ago, our mission has remained the same: We develop and create value through the natural and technical sciences for the benefit of society. DTU has 13,800 students, 1,600 PhD students, and 6,500 employees. We work in an international environment and have an inclusive, stimulating, and informal work culture. DTU has campuses in all parts of Denmark and in Greenland and collaborates with the best universities around the world.*

**Application deadline**

16 September 2026

**Study level**

Bachelor level or equivalent

**Job Category**

Engineering

**Related tags**

DTU Global Top Student Programme