

 Targeted job

## DTU Global Talent Programme - Internship at DTU Health Technology



### DTU Health Technology – Nanomaterials and Nanobiosensors

Government/ Charity/ Public Institution/ Other  
Engineering

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Contract

**Internship 4 to 6 months**

Location

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

Start date

**August 2026**

Salary

**Information not provided**

Remote working

**No remote working**

The Technical University of Denmark (DTU) is one of Europe's leading engineering universities, internationally recognized for excellence in research, education, innovation, and scientific advice. DTU develops and creates value using the natural sciences and technical sciences to benefit society. At DTU, we work closely with industry, public authorities, and international partners, offering a dynamic, interdisciplinary, and inclusive working environment.

This internship is offered under DTU's Global Talent Programme, which provides exclusive opportunities for the most exceptional students from DTU's partner universities worldwide. Only bachelor-level students who have been nominated by their home university are eligible to apply. As a participant at DTU, you will join an ambitious academic setting where

theory meets practice, and students are encouraged to take responsibility, contribute actively, and develop both professionally and personally.

### **Job Description**

DTU Health Technology is part of DTU and focuses on improving health and quality of life through technology for better prediction, prevention, early diagnosis, and treatment. The department operates at the forefront of next-generation healthcare solutions, combining research, education, and collaboration with external partners. The department is characterized by a collaborative culture, high academic standards, and a strong focus on innovation and real-world impact.

You will join the research group of Nanomaterials and Nanobiosensors within the department. The team consists of 3 postdocs working closely together on engineering immune cells with nanomaterials. As an intern, you will work closely with experienced colleagues who will support your learning and development, while also giving you the opportunity to contribute your own ideas and skills.

Your tasks will include (but are not limited to):

- Supporting ongoing research or development projects
- Collecting, processing, and analyzing data
- Assisting with experiments, simulations, or technical analyses
- Contributing to reports, presentations, or scientific documentation
- Participating in team meetings and project discussions
- Collaborating with internal and external stakeholders

The exact tasks and responsibilities will be adjusted based on your background, interests, and the needs of the team.

### **Approval and qualifications**

We are looking for a motivated and curious candidate who:

- Is currently enrolled in a relevant higher education programme at bachelor's level at a DTU Global Talent Programme partner university. Contact your university if you are unsure.
- Has a background in biomaterials and nanomedicine
- Possesses relevant academic or practical experience in nanoparticle synthesis and characterization
- Has an interest in drug delivery systems and nanocell engineering
- Is analytical, structured, and able to work independently

- Has good collaboration and communication skills
- Demonstrated proficiency in written and spoken English, documented by a recognized English language test. Minimum required scores are:

- Duolingo English Test (overall 120, speaking 120)
- TOEFL (overall 87, speaking 21)
- IELTS Academic (overall 6.5, speaking 6.5)

### **What we offer**

DTU offers a prestigious internship at DTU Lyngby Campus in the Greater Copenhagen area. The internship provides hands-on research experience in a professional and international academic environment. Interns will work closely with leading researchers, contribute to high-level research projects, and apply their theoretical knowledge to advanced scientific challenges. The internship also offers a supportive and flexible environment designed to foster the development of highly capable and motivated students.

Living in Greater Copenhagen offers an enriching experience for international students. The city is renowned for its high quality of life, dynamic cultural scene, and focus on sustainability. Students will have the opportunity to engage with an international academic community, explore innovative research environments, and enjoy the vibrant lifestyle of 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 – social and cultural activities, networking across participating students
- Social activities – introduction week and events throughout the semester
- Networking opportunities – engagement across the cohort of students
- Parallel academic opportunities – coursework on the side and potential DTU supervision

### **Practical information:**

- Internship period: 24 August 2026 – 18 December 2026 (one semester)
- Working hours: 37 hours per week (full-time)
- Location: DTU Lyngby Campus in the Greater Copenhagen area
- Compensation: the internship is unpaid

You can read more about the department here: [DTU Health Tech](#)

For useful information on student life in Denmark and at DTU, see [Student guide – DTU](#).

### **Application procedure**

In order to be considered for this programme, you must be nominated by your home university. Please submit your application including a short, motivated cover letter, and CV.

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

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

- A motivated cover letter (max 1 page).
- A CV including information about your education, research and lab experience, language skills and other skills relevant for the position
- Grade transcripts (in English) including official description of grading scale
- Documentation proving a passed test for one of the above English language tests

We look forward to receiving your application.

### ***Technology for people***

*DTU develops technology for people. With our international elite research and study programmes, we are helping to create a better world and to solve the global challenges formulated in the UN's 17 Sustainable Development Goals. Hans Christian Ørsted founded DTU in 1829 with a clear mission to develop and create value using science and engineering to benefit society. That mission lives on today. DTU has 13,500 students and 6,000 employees. We work in an international atmosphere and have an inclusive, evolving, and informal working environment. DTU has campuses in all parts of Denmark and in Greenland, and we collaborate with the best universities around the world.*

### **Application deadline**

16 April 2026

### **Study level**

Bachelor level or equivalent

## **Job Category**

Engineering

## **Related tags**

DTU Global Talent Programme