



**Novozymes A/S – Kalundborg**  
Internships for  
diploma Engineer students 2023

**Ready to pioneer a bright future?  
Are you ready to develop your potential  
together with a team of dedicated and  
passionate colleagues?**

## **Intern at Novozymes**

Novozymes is the world's leading company when it comes to biological solutions.

For more than 70 years, we have worked with solving problems through biological solutions. These solutions had and still have a big impact on our world.

To continue our success and development as a company, we need skilled and ambitious colleagues.

As an intern in Novozymes you will be part of an ambitious and highly professional team, where you will be able to use your theoretical knowledge, while obtaining useful practical knowledge.

Through our intern system, you will be able to obtain and develop a professional network.

Learn how to work and act in one of the leading Biotech companies in the world. What's a professional life like in a work environment with high pace and a lot of activities ongoing? Take part of the daily work, balanced with training and development.

## About Novozymes

We are the world's largest supplier of enzymes and microbiological technology. Enzymes can replace chemicals, in many of the products we use and thereby contribute to better living conditions.

A Biotech Powerhouse!

With our bio-innovation are we, among other things, making it possible to get an increase in crop yields, wash clothes at a lower degree, reduce the use of energy in production processes, renewable resources, and many other progresses, that we need both today and in the future.

Together with customers, partners, and the global society we improve industrial production and contributes to conserve the natures resources and create better living conditions.

We call it "Rethink Tomorrow".

## Novozymes Kalundborg

Join us at Novozymes Kalundborg and start building your career in a fast-growing innovative company. In Kalundborg we are nearly 700 employees, who all contributes to making Novozymes a highly respected and successful company.

Be a part of creating a sustainable future, together with some of the most competent and passionate colleagues.

We are in front when it comes to innovation, development and technology and therefore we need the best and most dedicated employees, to help us to continue as one of the world's leading companies within microbiology.

# Interested in an interesting and life-changing career?

An internship at Novozymes could be the first step.

Below you will find a list with all the internship positions Novozymes Kalundborg offers in 2023!

## Program details

- The internships are in Novozymes Kalundborg
- You must be enrolled in the Bachelor program of engineering in Biotechnology (during the whole duration of the internship)
- Work hours are 37 hours a week
- Monthly salary is according to guidance from IDA (the Danish engineer union)
- All internships are for the period February 1 – June 30, 2023

## APPLICATION PROCESS

- Deadline for applying for internships in this catalogue is **October 16, 2022**
- Job interview will be held **October 26, 2022**
- Feedback to all candidates before the interview date October 2022

## TO APPLY FOR INTERNSHIP IN THIS CATALOGUE

1. Please submit one motivated application and CV to:  
[NZKalundborgStudents@novozymes.com](mailto:NZKalundborgStudents@novozymes.com)
2. In the application please describe:  
your top of 3 internships from this catalogue you are most interested in and explain why
3. Attach relevant documents from your current and former education
4. Attach documentation of relevant work experience
5. You are welcome to attach a photo.

(Non-EU candidates are not allowed to start working before the work permit has been issued)

Question or further information, please contact  
[NZKalundborgStudents@novozymes.com](mailto:NZKalundborgStudents@novozymes.com)

**Internship no. 1 – Step 1 of producing enzymes, Fermentation dep. 081**

<p><b>Primary tasks for interns</b></p>	<p><b>Department/Team</b></p>	<p><b>Main tasks of the team</b></p>
<p>You will be part of an interdisciplinary team consisting of engineers, technicians and operators.</p> <p>You will start by following the operators and getting a feel of the factory.</p> <p>You may be part of minor projects and optimizations, mapping flow, identify cost / raw material savings</p> <p>Focus on process understanding and systematic problem solving (3C/A3) with respect to processes, equipment etc.</p>	<p>This team is responsible for executing the planned production in collaboration with operators, technicians, maintenance etc.</p> <p>The department consists of around 60 employees including Operators, Technicians, Engineers and Managers.</p>	<p>The department is responsible for executing the planned production in collaboration with operators, technicians, maintenance etc.</p> <p>Adherence to production schedule, compliance to hygienic and GMP standards and delivering the right quality to our customers are our key tasks.</p>

**Internship no. 2 – the next step of producing enzymes, Recovery AC dep. 078**

Primary tasks for interns	Department/Team	Main tasks of the team
<p>Participate as a normal part of Process/product team – supporting our running production alongside our process engineers</p> <p>Run minor projects and optimizations – individually or as a part of larger projects. A specific project will be defined in due time.</p> <p>Being part of problem solving.</p>	<p>This team is responsible for executing the planned production to recover enzymes from fermentation broth. We feed the Supply Chain with liquid concentrates and spray dried concentrate for granulation.</p> <p>The department is the largest recovery unit in Novozymes and consists of around 100 employees including Operators, Technicians, Engineers and Managers.</p>	<p>The department is responsible for executing the planned production in collaboration with several stakeholders across Novozymes.</p> <p>Adherence to production schedule, compliance to hygienic and GMP standards and delivering the right quality to our customers are our key tasks.</p>

**Internship no. 3 – handling the finished product and draining liquid enzymes, Formulation dep. 051**

<p><b>Primary tasks for interns</b></p>	<p><b>Department/Team</b></p>	<p><b>Main tasks of the team</b></p>
<p>Participate as a normal part of Process/product team – supporting our running production.</p> <p>Contribute to large investment projects Aid in the gathering, mapping and analysis of critical data and run a optimization project. Being part of problem solving</p>	<p>This team is responsible for producing liquid enzyme formulations by blending enzyme concentrates and other raw materials in compliance with customer specifications.</p> <p>The department consists of 60 colleagues, including Operators, Technicians, Engineers and Managers.</p>	<p>The department s producing liquid enzyme formulation and filling liquid products into a variety of packaging materials in automated filling lines.</p> <p>Finished goods for most of Novozymes product divisions, (including Food and Beverages) are produced in this team.</p>

## Internship no. 4 – Handling waste from production dep. 605

<b>Primary tasks for interns</b>	<b>Department/Team</b>	<b>Main tasks of the team</b>
<p>Participate as a normal part of Process team – supporting our running production.</p> <p>Data review and to define and scope minor projects or optimizations</p> <p>Run minor projects and optimizations – individually or as a part of larger projects</p> <p>Implementation of new data system</p> <p>Being part of problem solving</p>	<p>Process team Environmental Operations</p>	<p>Support running operation.</p> <p>Participate in plant expansion projects</p>