

Combine a position as part-time Process Engineer with an Industry Master of Science in Engineering



Location

Kalundborg, Denmark

Are you a recent bachelor's degree graduate within engineering, or have a few years of experience as a Process Engineer? Are you eager to learn, and start a life-changing career within biomanufacturing - specifically within pharmaceutical manufacturing? Then we might have an exciting opportunity for you! Read on and apply today!

At our manufacturing hub in Kalundborg, Denmark, we are looking for talents who are eager to combine education and work experience. This means you can combine pursuing a master's degree in engineering from the Technical University of Denmark (DTU) in Kalundborg, with gaining valuable industry experience from Novo Nordisk. This is a unique opportunity to graduate with a master's degree and gain professional experience during 4 exciting years.

About the Industry Master of Science in Engineering within Biomanufacturing

As a student on the Biomanufacturing study line, you will become part of a fast-expanding industry of chemical and biochemical production in Kalundborg.

To qualify for the education, you must have graduated recently with a BSc/BEng within chemical engineering, process engineering or similar field of study.

During your time of study, you will become an expert in process thinking and working with chemistry and biochemistry at an industrial scale. Taught by leading experts and professors, you will learn to run a factory and work with all the industrial processes – from development and improvements to embedding new technology and digitalized optimizations. You will gain strong engineering knowledge and an innovative mindset.

The programme, as a typical MSc Engineering program, consists of 120 ECTS points over a 4-year period.

Please make sure to apply for the Industry Master of Science in Engineering within Biomanufacturing at DTU, before you apply for the position at Novo Nordisk. To be considered for the part-time job as Process Engineer at Novo Nordisk, you need to have a conditional admission letter from DTU attached to your profile.

You can read more about the study line and requirements to apply at DTU: [Studyline in Biomanufacturing - Industry MSc in Engineering, Kalundborg \(dtu.dk\)](#) or contact kandidatopt@adm.dtu.dk

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The Position at Novo Nordisk

The role as part-time Process Engineer will focus on data analysis, process systems and descriptive and prescriptive analytics.

You will get to understand pharmaceutical processes, developing monitoring tools and analysing data for recommendation for improvements. Don't miss this opportunity to learn about business impact and understand how interconnected decisions play a crucial role within manufacturing pharmaceuticals.

Specifically, you will:

- Analyse large amounts of data for extracting correlation and causation for process understanding.
- Analyse and understand data from quality control (QC) analyses.
- Develop, maintain, and recommend statistical process control charts for process monitoring.
- Use a science, data-based approach for quantifying process deviations.
- Utilize a team-based approach for recommending process improvements-optimisations.

Qualifications for Process Engineers

Process Engineer candidates should have the following or developing qualifications:

- Meet the requirements to be enrolled in Biomanufacturing - Industry MSc in Engineering, DTU Kalundborg.
- Have the ability to analyse data and independently extract information.
- Have an appetite for solving complex problems applying a systems approach to manage complexity and reach feasible applicable solution.
- Be proficient in verbal and written English.

For Process Engineers it is key to understand how to convey complex information to varying audiences and thereby explain the purpose to get everyone on board.

Join Our Manufacturing Hub

Since 1969, Novo Nordisk Kalundborg has been a cornerstone in our production of API. With more than 50 years of expertise in large-scale biotech manufacturing, we are today the world's largest insulin-producing facility. Our 4,500 employees at Novo Nordisk Kalundborg produce half of the world's insulin, and a number of biopharmaceutical products. Together, we make a difference every day for more than 42 million people living with diabetes and other chronic diseases. Read more here: [Novo Nordisk Kalundborg](#)

About Novo Nordisk

Novo Nordisk is a leading global healthcare company, founded in 1923 and headquartered in Denmark. Our purpose is to drive change to defeat serious chronic diseases, built upon our heritage in diabetes. We do so by pioneering scientific breakthroughs, expanding access to our medicines, and working to prevent and ultimately cure disease. Novo Nordisk employs about 72,000 people in 80 countries and markets its products in around 170 countries.

Checklist when applying for the position at Novo Nordisk

- You have been conditionally admitted to the Biomanufacturing - Industry MSc in Engineering, DTU Kalundborg. Please submit the conditional admission letter to your profile when applying.
- When you apply, please answer the questions asked. We use your answers to identify a possible match between you and our open positions.

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- Make sure to unlock your profile which you create when applying. This will allow us to match your profile with our open positions. The correct setting states **'Profile visibility: Novo Nordisk Recruiter Worldwide'**.

[APPLY NOW](#)

Contact

If you have any questions, feel free to contact us on the following e-mail: processengineeringdk@novonordisk.com. Please write "Part-time Process Engineer" in the email subject.

Deadline for application submission

- 18 May 2025 – for applicants located in EU.
- 8 June 2025 – For applicants located in Denmark.

Applications will be screened on an ongoing basis, so you are encouraged to apply as soon as possible.

First round of interviews

Please note that the first round of interviews will be held:

- In Week 18 and Week 22 for all applicants.
- In Week 25 only for applicants located in Denmark.

We commit to an inclusive recruitment process and equality of opportunity for all our job applicants.

At Novo Nordisk we recognize that it is no longer good enough to aspire to be the best company in the world. We need to aspire to be the best company for the world and we know that this is only possible with talented employees with diverse perspectives, backgrounds and cultures. We are therefore committed to creating an inclusive culture that celebrates the diversity of our employees, the patients we serve and communities we operate in. Together, we're life changing

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