



# Study line in Biomanufacturing

## Industry MSc in Engineering Kalundborg

Are you looking for a future in chemical engineering? Do you want to work while studying? Or do you dream of an exciting career in the rapidly growing field of biotech? Then the study line Biomanufacturing might be the right fit for you!

**An Industry Master of Science in Engineering Biomanufacturing** is an industry master's education. To enrol, you must be employed in a biochemical or chemical production company and work at least 25 hours weekly on average. It takes four years to complete an industry master of science in engineering, and during this time you are both a part-time engineer and a part-time student.

### About the study line

As a student in this study line, you will play an essential part in the fast-expanding industry of chemical and biochemical production. Here you can work with everything from modern medicine to new ingredients for food and feed or the sustainable development of the energy and agricultural sectors. No matter which company you work for, the industry is hungry for talented chemical engineers with specialized skills in process technology and an eye for industrial bioproduction. During your study time, you will become an expert on process thinking and working with chemistry and biochemistry on 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.

In addition, you will gain strong engineering knowledge as well as an innovative mindset. The courses in Biomanufacturing are mainly taught in Kalundborg by DTU.

### Structure

The study line in Biomanufacturing is a four years programme and it consist of a mix of intensive courses and group projects. Throughout the programme, you spend long periods working full-time.

### A part of Biotech City

The study line in Biomanufacturing is developed in close collaboration with the industry and takes place at Biotech City Kalundborg. This makes it a one-of-a-kind education, giving you a chance to both work and study in a hotspot for chemical and biochemical production. Kalundborg is the center for all the big and rapidly growing Danish biotech companies: an industry that will keep expanding over the coming years. Here you will become a part of an exciting and knowledgeable environment filled with biotech companies and other educational programmes in the biochemical field. If you are looking to use your engineering skills to make a difference in the biotech industry, there is no better place for you to be.

Learn more at [dtu.dk/biomanufacturing](https://dtu.dk/biomanufacturing)