

MSC IN CHEMISTRY*

CUSTOMISABLE, RESEARCH-DRIVEN INVESTIGATION IN CHEMISTRY

➤ I combine new fats for chocolate, which could be specifically for the outer shell, for example. First of all the fats have to be produced using databases and calculations. After that, the finished coatings are tested in the chocolate laboratory. My working day is extremely varied, and I have free rein over what I do. The concept that applies here is freedom with responsibility.

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The MSc programme in Chemistry lets students specialise in their chosen area of interest while building strong foundational knowledge in the field. Students can construct their own unique programme with courses from various branches of chemistry e.g. organic chemistry, NMR spectroscopy, analytical chemistry, inorganic chemistry, theoretical chemistry, physical and material chemistry. Courses and research opportunities are constantly reviewed to reflect the needs and demands of business and industry, research institutions and the public sector.

GETTING SPECIFIC

In the MSc in Chemistry programme, students get to choose the subject areas they want to specialise in.

Aarhus University's Department of Chemistry is recognised as a leader in the areas of: synthesis and analysis of new organic substances; nuclear magnetic resonance studies; X-ray and laser spectroscopy; computer simulations for investigations, calculations of molecular properties, reaction mechanisms; analytic atmospheric chemistry; and material chemistry – synthesis, structure, properties and new materials.

Students on the programme have access to high-quality laboratory equipment and tools, offering them the opportunity for hands-on learning at the cutting edge of science.

STUDENT LIFE

Chemistry students quickly become acquainted with Alkymia, the Department's student association, which hosts a weekly Friday bar and organises a range of exciting social events. The Maths-Physics Student Council also organises regular academic events for chemistry students.



CAREERS

Graduates from the MSc Chemistry programme typically find work in research, development, teaching, communication, or consulting in both public and private sectors. Aarhus University alumni have found interesting careers at a varied range of companies including Haldor Topsøe, Novo Nordisk, Eurofins, DuPont, Arla and Chr. Hansen.

There are more chemistry openings in Denmark than there are domestic graduates to fill them, making unemployment very low for graduates in chemistry.



PLACE OF STUDY

Aarhus

WWW

masters.au.dk/chemistry

ANNUAL TUITION FEE

EU/EEA/Swiss citizens: FREE

Others: EUR 13,500