

MSc IN MOLECULAR BIOLOGY*

BENEFITING FROM WORLD-CLASS RESEARCH

> I work as a project manager, which means that I make sure things get done, and I'm responsible for following up afterwards. Projects could concern new products, for example, and solutions for industry, where I'm part of the chain all the way through from development to testing, sales and customer support.

CASPAR HØY SIMONSEN

MSc in Molecular Biology

Application Specialist, DuPont



The MSc in Molecular Biology programme is both practical and research-oriented, reflecting the interests of business and industry, research institutions, and the public sector. This flexible programme accommodates the interests of the individual student, because it allows you to specialise in a particular subject area while acquiring a general mastery of molecular biology.

SPECIALISATION

Students can choose to specialise within a choice of fields, including one of the five branches of molecular biology in which Aarhus University is particularly strong: molecular medicine, structural biology, systems biology, plant biology, and quantitative genetics.

The study programme can be tailored to fit the individual student's qualifications and interests. In the first year, you will follow an individually planned course programme. In the second year, you will write a thesis. There are excellent opportunities for collaboration with a group of researchers in connection with your thesis project work, and this gives you the chance to participate in the group's research projects, academic discussions and articles.

WORLD-CLASS RESEARCH

Teaching in the Department of Molecular Biology and Genetics is greatly influenced by the research conducted here, as the lecturers are all active researchers. Students gain insight into ongoing research projects across the entire spectrum of molecular biology – from bacteria and yeast to humans. The understanding of biochemistry and molecular biology is based upon the entire spectrum, from atoms to organisms.

STUDENT LIFE

Students in the programme are based at the Department of Molecular Biology, which is located in Die Rote Zone, the department's large facility in Science Park Aarhus, which students have furnished themselves and where they meet in connection with academic and social activities (and which has its own Friday bar). A number of student organisations in the department also organise academic activities.

CAREERS

As a molecular biologist, you will primarily be working with finding solutions to the many health and food challenges faced by our society due to ageing populations and more stringent standards for food development and quality. These areas are growing rapidly – a trend that is expected to continue. The employment prospects for future molecular biologists therefore look very promising.

Graduates of the Molecular Biology MSc programme are very much in demand on both Danish and international job markets. Previous graduates are working across a wide range of fields and institutions, mostly within research or administration and consultancy, in both private and public sectors. Graduates who want to be communicators go into teaching at lab-technician and teacher-training colleges or adult education. Other molecular biologists work in specialist molecular biology fields in the food industry, the health sector, or the pharmaceutical industry.



PLACE OF STUDY

Aarhus

WWW

masters.au.dk/molecularbiology

ANNUAL TUITION FEE

EU/EEA/Swiss citizens: FREE

Others: EUR 13,500