

Helix Lab

MSc Fellowships

Fall 2022

Eligibility, Evaluation Criteria & Guidance

Eligibility criteria for applying

MSc students enrolled at a Danish or international MSc degree-giving academic institution are eligible.

The MSc thesis projects must be performed in Kalundborg in collaboration with one or more companies from the Kalundborg Biocluster/industry*

Two investigators must co-supervise the MSc project. The university supervisor is the main supervisor, while the Kalundborg-based company industry supervisor is the co-supervisor.

The university supervisors must have the necessary academic qualifications for supervising master's students and must be employed at a Danish or international university.

The industry supervisor should have extensive and relevant process knowledge and understanding, as well as communication skills. They will be the main contact during the research stay.

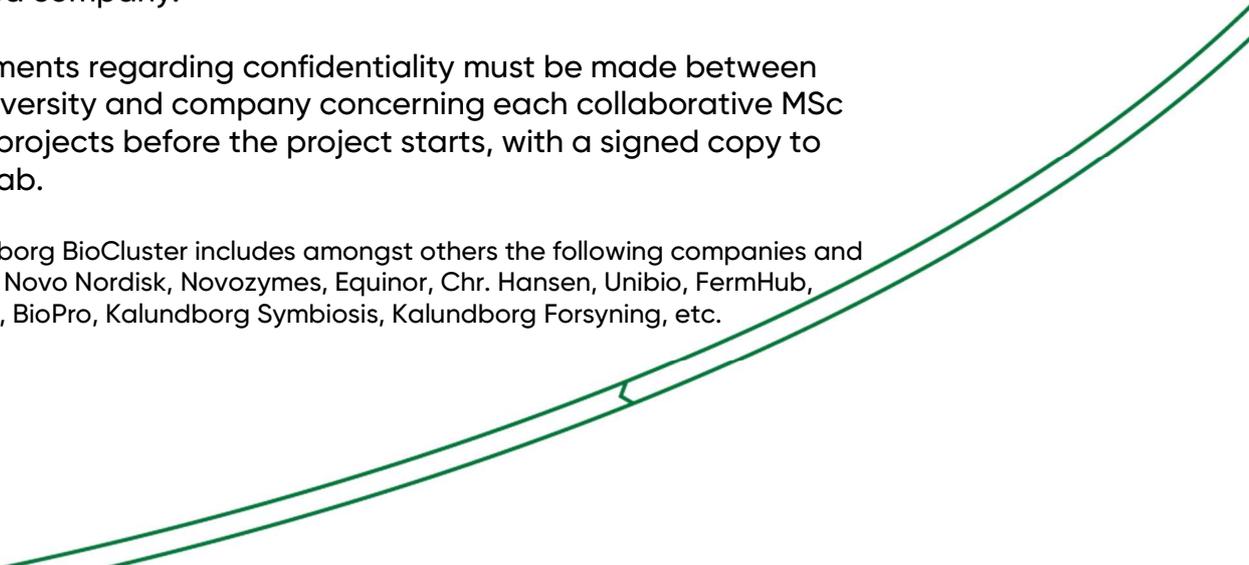
The MSc projects should have a focus on real world problems from industry, preferably with a focus on industry 4.0 and/or sustainable production technologies

It is mandatory that the MSc students live in Kalundborg while conducting their thesis work – free housing at Kalundborg Kollegiet is part of the MSc Fellowship offered by Helix Lab.

A brief research project proposal, incl. profiles of supervisor team, will ensure academic requirements and relevance for the involved company.

Agreements regarding confidentiality must be made between the university and company concerning each collaborative MSc thesis projects before the project starts, with a signed copy to Helix Lab.

*Kalundborg BioCluster includes amongst others the following companies and entities: Novo Nordisk, Novozymes, Equinor, Chr. Hansen, Unibio, FermHub, BioLean, BioPro, Kalundborg Symbiosis, Kalundborg Forsyning, etc.



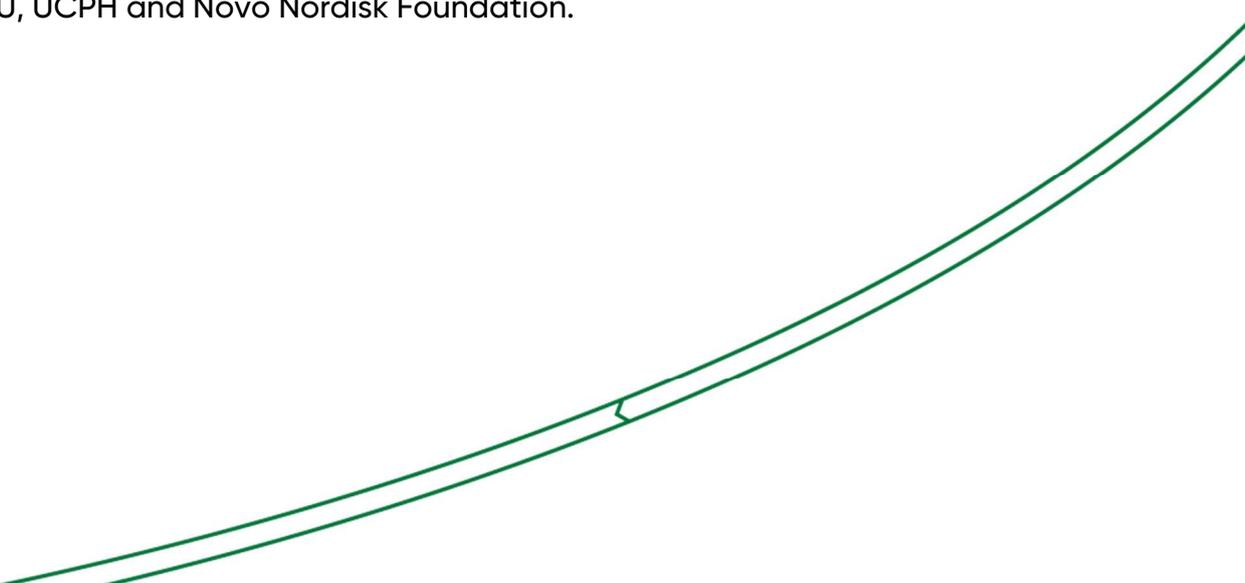
Evaluation criteria

The Helix Lab Board* evaluates and scores MSc research project proposals based on four selection and award criteria:

1. Character and strength of the industry-university collaboration.
 - As a minimum, projects must be a collaboration between one university and one company
2. Relevance to industry.
 - The project addresses a need from industry
3. The project focus on Industry 4.0 or sustainability science.

The Helix Lab Board will include diversity among universities and companies as factors in determining the allocation of fellowships.

*The Helix Lab Board consist of representatives from Novo Nordisk, Novozymes, Equinor, Kalundborg Municipality, DTU, SDU, AAU, AU, UCPH and Novo Nordisk Foundation.



Guidance for application

Please use the application template and fill out all fields in the form. You are welcome to attach relevant documents, but it is important that all questions in the template is answered within the allotted space in the template.

Applicants:

- Supervisor from University (name, titel, university, academic merits, relevant experience, contact info)
- Co-supervisor from Company (name, titel, company, academic merits, relevant experience, contact info)
- MSc student (name, BSc + MSc study, university, motivation and relevant info; e.g. former collaboration with company in Kalundborg, transcript etc.)
 - If the name of MSc student is not settled by application deadline, and the application is awarded a Helix Lab MSc Fellowship, the above information regarding the student including motivation, should be forwarded to Helix Lab staff by November 15 for final approval.

The project:

- Project title
- Project description (brief). A description of the project using max 5,000 characters including spaces can be added as attachment.
- Project description (for publication).

Timing and requirements:

- Timing of the project (expected start and end date)
- Project requirements/opportunities at the company (facilities etc. made available)
- Project requirements/opportunities at Helix Lab (suggestions for facilities to be made available; when required, and for how long time)

Mandatory evaluation criteria – used for the selection proces:

- Character and potential of the collaborative project (why are the partners interested in the project):
 - What need from industry does the project address?
 - What elements of Industry 4.0 and/or industrial sustainability does the project address?
 - Confirmation that the MSc student will relocate/move to Kalundborg during the MSc thesis project work, if free housing at Kalundborg Kollegiet is awarded. This is a requirement for receiving the MSc Fellowship.
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