

How to collaborate with the Mads Clausen Institute

Education*	Costs and commitment	Contract	Results
Semester Projects / Experts in teams Companies suggest a topic to student teams and co-supervise the progress. The topic shall match the curriculum. "Experts in teams" consists of 5th semester students teaming up from different engineering programmes. Duration: 15 weeks	Free of charge, sponsorship of materials or travel, supervising in various amounts is expected	Optional Non-disclosure / IPR agreement	E.g. technology concepts, business models, prototypes, demonstrators
Bachelor and Master Thesis Companies define with a student and academic supervisor a topic for a thesis. The topic shall have academic relevance. Duration: 15 weeks	Free of charge, sponsorship of materials or travel	Contract with SDU, optional Non-disclosure / IPR agreement	Thesis e.g. incl. prototypes, demonstrators, business models
Internship Companies offer a) students (6th semester, Diploma/B.Eng.) an Internship in their company: full-time, duration 20 weeks. Requires an Engineer supporting the intern in the company.	Internship: suggested monthly salary ≈ 14.000 kr. Salary is not a demand for the internship.	Contract with SDU, optional Non-disclosure / IPR agreement	According to internship agreement
In-company project Companies offer students (3rd semester, M.Sc.) an In-company project related to academic topics: 2 days per week in the company, duration 15 weeks. Requires an Engineer or staff with adequate education (M.Sc. level) supervising the student in the company.	Free of charge	Contract with SDU, optional Non-disclosure / IPR agreement	According to project description approved by the academic study board
Guest lectures, site visits and others Companies offer guest lectures, company visits or other formats such as innovation camps or presentations contributing to the education of engineering students.	Free of charge, sponsorship of travel	n/a	n/a
Student jobs Companies offer student jobs (e.g. 8-10 hours per week) or full-time jobs in the SDU database www.sdu.dk/jobbank	Salary agreement between company and student	Employment contract	According to contract

Spring Semester	Oct - Dec	Jan	Feb	Mar	Apr	May	Jun
Semester projects	Proposal by 01/12				Project execution		
Thesis	Contract by 01/02				Project execution		
Internship	Contract by 01/01				Project execution		

Autumn Semester	Mar - May	Jun - Aug	Sep	Oct	Nov	Dec
Semester projects / Experts in teams	Proposal by 15/05			Project execution		
Thesis (only B.Eng.) / In-company project	Contract by 01/09			Project execution		

* Engineering study programmes at SDU Sønderborg: Electronics, Innovation and Business, Mechatronics

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Research Collaboration

	Costs	Contract	Results
Public co-funding Companies apply with SDU and eventually more partners for public funding (e.g. Innovationsfonden) to run a joint project. SDU supports the application writing.	Partners bear own costs which are co-funded.	Grant agreement, optional Non-disclosure / IPR agreement	Partners keep own results, IPR and publication rights. Licensing can be agreed.
Private co-funding Companies co-finance a research project with the university, which is in the scientific interest and is relevant for both.	Co-financing based on individual agreement	Collaboration agreement, optional Non-disclosure / IPR agreement	Partners keep own results, IPR and publication rights. Licensing can be agreed.
Industrial PhD / Postdoc Companies employ an Industrial PhD student or Postdoc as a full-time employee for three years supervised by SDU and the company. Subsidies from the Innovationsfonden may be available.	Salary agreed between the company and the PhD student / Postdoc	Employment contract, PhD agreement with SDU	Companies own the results, PhD Student has to publish them (partly)

Service

	Costs	Contract	Results
Consulting Companies commission researchers who provide their specialist opinion and technology expertise on a specific topic.	Based on working hours and hourly rates	Service agreement	Companies own the results
Testing and analysis Companies commission researchers who test technical components, devices and systems regarding failures or specifications.	Based on working hours and hourly rates	Service agreement	Companies own the results
Rent of equipment Companies rent the university's lab space and analytical instruments which are run by the company's staff after a technical instruction.	Based on working hours and hourly rates	Service agreement	Companies own the results
R&D and product development Companies commission researchers who contribute with feasibility concepts, simulation, prototypes, demonstrators etc	Based on working hours and hourly rates	Service agreement	Companies own the results
Continuing education Companies commission researchers to develop and teach tailored seminars to their staff.	Based on working hours and hourly rates	Service agreement	Companies own the results