**Specifications of Bachelor project for BEng students at**

[**Aarhus University**](http://www.au.dk/) **/** [**Dept. of Electrical and Computer Engineering**](http://www.ece.au.dk/)

Please fill out the form and send it to Rasmus Nielsen (rani@ece.au.dk). When is has been approved by the Head of degree programs it will be published on Brightspace. A supervisor will be allocated at the end of the semester.

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| **Date** |  |
| **Project title** |  |
| **The project applies to at least 2 students within: (Multiple selections are welcome)** | [Electronic Engineering](http://bachelor.au.dk/elektro/) | [Software Technology](https://bachelor.au.dk/softwareteknologi/) | [Electrical Power Technology](http://bachelor.au.dk/en/electrical-power-engineering/) | [Healthcare Technology](http://bachelor.au.dk/sundhedsteknologi/) |
| [ ]  | [ ]  | [ ]  | [ ]  |
| **Who has initiated the project?** **(Mark with an X in either Student, Company, or ECE Staff)** | Student(s) | Name 1: | Name 2: | Name 3: |
| [ ]  |  |  |  |
| Student number 1: | Student number 2: | Student number 3: |
|  |  |  |
| E | SW | EE | ST | E | SW | EE | ST | E | SW | EE | ST |
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| Company | Company name | Contact name | Email | Phone |
| [ ]  |  |  |  |  |
| ECE Staff | Name | Email |
| [ ]  |  |  |
| **Requested supervisor (need only be filled out if relevant)*** May be overruled by ECE if necessary
 | The supervisor has been contacted and has indicated a willingness to supervise the project |
| Name of ECE staff | Email |
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| **Special demands to:*** Equipment
* Place
* Confidentiality
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| **Questions about the *content* of bachelor projects can be directed to the head of degree programs:** |  | **Bachelor project learning goals** |
| * Translate research results and scientific and technical knowledge into practice by using them in development projects and in the solving of technological problems.
* Search for, analyse and assess new knowledge within relevant areas.
* Develop new solutions.
* Use engineering theories and methods in a systematic manner.
* Assess and explain project results to engineers and other target groups, in speech as well as in writing.
* Consider how the project results can be applied socially, organisationally, environmentally, economically, ethically and in relation to sustainability and work environment.
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| * [Electronic Engineering](https://studerende.au.dk/en/studies/subject-portals/ece/study-programmes/beng-electronic-engineering)
* [Software Technology](https://studerende.au.dk/en/studies/subject-portals/ece/study-programmes/beng-software-technology)
* [Electrical Power Technology](https://studerende.au.dk/en/studies/subject-portals/ece/study-programmes/beng-electrical-power-technology)
* [Healthcare Technology](https://studerende.au.dk/en/studies/subject-portals/ece/study-programmes/beng-healthcare-technologi)
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| **Please describe the project in the field on the next page. Be sure to include:** |
| * What is to be developed?
	+ Due to the learning goals of Bachelor of Engineering, the bachelor project must be oriented towards development.
* Sufficient details to allow the head of degree programs to understand why the project is relevant for each specialization.
* What might the technologies involved be (software, hardware, processes)?
* If the project depends on external factors, e.g., access to equipment or data do you have a plan for proceeding if the equipment or data is delayed or unobtainable?
* Is the project realistic in scope pertaining to a bachelor project (time/money)?
	+ If the project is large in scope with regards to time, consider stating a prioritized list of features to develop conforming to the [MoSCoW method](https://www.google.com/url?sa=t&rct=j&q=&esrc=s&source=web&cd=&cad=rja&uact=8&ved=2ahUKEwjy886crsj9AhXhR_EDHTT-AlMQFnoECA4QAQ&url=https%3A%2F%2Fen.wikipedia.org%2Fwiki%2FMoSCoW_method&usg=AOvVaw3uj0qyqle2O7xkjH_oNR-6) allowing agile development
* Illustrations and figures to illustrate the problem and the envisioned product or context.
* One or two references (e.g., scientific articles) if appropriate.
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| **Project description** |
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| **Comments from head of degree:** |
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