**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](mailto: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/) | | | |
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| **Who has initiated the project?**  **(Mark with an X in either Student, Company, or ECE Staff)** | Student(s) | Name 1: | | | | | | | Name 2: | | | | | | Name 3: | | | | | |
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| Student number 1: | | | | | | | Student number 2: | | | | | | Student number 3: | | | | | |
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| E | SW | | EE | | ST | | E | SW | | | EE | ST | E | | | SW | EE | ST |
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| Company | Company name | | | | Contact name | | | | | | Email | | | | Phone | | | | |
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| ECE Staff | Name | | | | | | | | | | Email | | | | | | | | |
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| **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. |
| * [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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