

Master Project (30 ECTS)/Semester Project (10 ECTS)



Your tasks:

- Conduct a literature review to understand the state of the art and main challenges in AEM stack design (if 3OECTS project).
- Analyse and learn from the existing AEM stack internally developed at GEM to identify best practices and design improvements.
- Design the manifolds and compressions system for the 5 kWe stack. Develop a concept optimized for easy/precise assembly and process efficiency.
- Develop a prototype stack section or mock-up (3d printed or other) to validate the concept and assess assembly/disassembly feasibility.
- (if time permits) Prepare drawings and specifications for parts production.