

Programme for MEng Structured students 2020

Students with Mechanical Engineering Background – 8 modules in total + project:

The Section in brackets next to the group refers to the Departmental Application form

Group 1 (Sec 3.3): 1x Advanced Mathematic module

Group 2 (Sec 3.4): 2x Advanced Mechanical Engineering modules

Group 3 (Sec 3.5/3.6): **2 of the following:**

- Solar Thermal Energy Systems
- Wind Energy
- Ocean & Hydro Energy
- Advanced PV Systems
- Energy Storage Systems
- Integrated Supply Side Technology
- Smart Grid Technology *

Group 4 (Sec 3.6/3.5): **3 of the following:**

- Research Methodology - **Compulsory**
- Bio-Energy
- A 3rd Advanced Mechanical Engineering module
- Industrial Heat Exchangers
- Robotics
- Air conditioning & Refrigeration
- Renewable Energy Finance
- Renewable Energy Systems *
- Renewable Energy Policy *
- Sustainable Development *

* These modules can only be taken if there are no clashes with semester modules/exams

Group 5: Project

Students from another Engineering background – 8 modules in total + project:

The Section in brackets next to the group refers to the Departmental Application form

Group 1 (Sec 3.3): 1x Advanced Maths module

Group 2 (Sec 3.4): Advanced Design (or any other Adv Mech Eng module) + 1 other Advanced Mechanical Engineering module

Group 3 (Sec 3.5/3.6): **2 of the following:**

- Solar Thermal Energy Systems
- Wind Energy
- Ocean & Hydro Energy
- Advanced PV Systems
- Energy Storage Systems
- Integrated Supply Side Technology
- Smart Grid Technology *

Group 4 (Sec 3.6/3.5): **3 of the following:**

- Research Methodology - **Compulsory**
- Bio-Energy
- A 3rd Advanced Mechanical Engineering module
- Industrial Heat Exchangers
- Robotics
- Air conditioning & Refrigeration
- Renewable Energy Finance
- Renewable Energy Systems *
- Renewable Energy Policy *
- Sustainable Development *

* These modules can only be taken if there are no clashes with semester modules/exams

Group 5: Project
