

DEPARTMENT OF MECHANICAL AND MECHATRONIC ENGINEERING

MEng Structured (Mechanical)

Programme Outline 2024

8 modules [15 credits each = 120 credits] +
Research Assignment [60 credits] +
Professional Communication [0 credits]

This document should be studied in consultation with the [PG Schedule for 2024](#).

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

Group 1: (Sec 3.3)	Numerical Methods	Department of Mechanical & Mechatronic Engineering
Group 2: (Sec 3.6)	<u>2 of the following:</u> <ul style="list-style-type: none"> Advanced Topics in Engineering Management Data Science Project Management Project Economics & Finance 	Department of Industrial Engineering Department of Industrial Engineering Department of Industrial Engineering Department of Civil Engineering
Group 3: (Sec 3.4 & 3.5)	Research Methodology Professional Communication	Department of Mechanical & Mechatronic Engineering SUNLearn
Group 4: (Sec 3.4 & 3.6)	<u>4 of the following:</u> <ul style="list-style-type: none"> Advanced Photo Voltaic Systems Bioenergy Energy Storage Systems Hydro & Ocean Energy Hydrogen in the Energy System Long-term Power System Planning Smart Grid Technology Overview Solar Thermal Energy Systems Wind Energy 	Centre for Renewable & Sustainable Energy Studies Centre for Renewable & Sustainable Energy Studies Centre for Renewable & Sustainable Energy Studies Centre for Renewable & Sustainable Energy Studies Centre for Renewable & Sustainable Energy Studies Centre for Renewable & Sustainable Energy Studies Centre for Renewable & Sustainable Energy Studies Centre for Renewable & Sustainable Energy Studies
Group 5: (Sec 3.6)	Research Assignment (Mechanical) 60 credits	<u>Topics:</u> Department of Mechanical & Mechatronic Engineering

- Offering of modules is subject to availability.
- Module choices are subject to approval by the Programme Coordinator.
- Research Assignment Topics will be finalised via the Programme Coordinator once registered in 2024.

20231010