

Mechanical Engineering UCL 2021/2022

Instructions and available courses for A4T

For academic year 21-22 students will be expected to be in London and able to attend campus for face-to-face teaching though some components will be online. The amount of face-to-face teaching will depend on the Covid-19 situation. Combinations are constrained by timetabling. MSc programme lists will help show possible combinations: <https://mecheng.ucl.ac.uk/study/postgraduate-taught/>

Details of modules can also be found on the UCL [module catalogue](#)

Available courses:

Click on module for more details.

15 ECTS (30 UCL credits)

These modules are associated with the MSc Naval Architecture. All modules start last week of September and go all the way through to late-March with a 3- or 4-week break at Christmas. No exams, all assessment by project and coursework.

- [Ship Dynamics \(MECH0066\)](#)
- [Ship Structures \(MECH0067\)](#)
- [Ship Hydrodynamics \(MECH0068\)](#)

7.5 ECTS (15 UCL credits)

These modules are associated with the MSc Mechanical Engineering and/or MSc Power Systems Engineering. Apart from two, all modules start last week of September and go all the way through to late-March with a 3- or 4-week break at Christmas. Exams in late April or May.

- [New and Renewable Energy Systems \(MECH0032\)](#)
- [Applied Thermodynamics and Turbomachinery \(MECH0051\)](#)
- [Power Transmission and Auxiliary Machinery Systems \(MECH0053\)](#)
- [Materials and Fatigue \(MECH0055\)](#)
- [Heat Transfer and Heat Systems \(MECH0060\)](#)
- MECH0089 Control and Robotics (New for AY21-22)
- MECH0090 Vibrations and Acoustics (New for AY21-22)

This module starts last week of September and ends mid-December with exam early January

- [Electrical Machines and Power Electronic Drives \(MECH0062\)](#)

This module starts in early January with exam in late April or May

- [Electrical Power Systems and Electrical Propulsion \(MECH0071\)](#)

Exams

For AY 21-22 precise format of exam is not yet confirmed but they will be most likely be online open book. They will not be old style exams with every student sitting in a large exam hall with pen and paper.

AY22-23

Format and style of assessment and timing of modules still to be confirmed.

Alistair Greig March 2021