Durham University
Postgraduate Modules Online
https://apps.dur.ac.uk/faculty.handbook/

These programme regulations should be read in conjunction with the University's core regulations for postgraduate programmes, and the marking and classification conventions for postgraduate programmes.

MSc Advanced Mechanical Engineering (H1KA09)

1. Location: Durham City
2. Duration: 12 months (full-time) commencing in October

Admissions

3. Relevant industrial experience will be taken into account as part of the admissions process.

Programme structure

4. Candidates shall study and be assessed in the following modules:

		Credit value
Research and Development Project (~)	ENGI45560	60
Group Design Project (~)	ENGI41030	30
Fluid Mechanics	ENGI47215	15
Future Vehicles	ENGI47315	15
Non-Linear Solid Mechanics	ENGI47515	15
Renewable Energy Technologies	ENGI48015	15
Turbomachinery and Propulsion	ENGI48415	15

5. Candidates shall also study and be assessed in modules to the value of 15 credits from List A.

List A		**Credit value**
Optimisation and Control for Artificial Intelligence	ENGI47615	15
Environmental Engineering	ENGI46715	15
Artificial Intelligence and Deep Learning	ENGI46415	15

Assessment, progression and award

6. Project reports for ENGI 45560 are submitted in August, in advance of an oral examination before the end of August.
7. Modules marked (~) in the programme structure section must be passed at 50% or above; a mark of 40-49% cannot be compensated.
8. A maximum of 20 credits may be compensated in the degree in line with the Engineering Council statement on compensation and condonement
9. The programme meets the accreditation requirements of Engineering Council licenced Professional Engineering Institutions (IET & IMechE) for Further Learning for a Chartered Engineer (CEng) for candidates who have already acquired an accredited CEng (partial) BEng (Hons) or an accredited IEng (Full) BEng/BSc (Hons) undergraduate first degree.
10. Students who have failed more than 20 credits but have otherwise not exceeded the compensation limits set within the Core Regulations, may be awarded an MSc Engineering Studies.
11. The MSc Engineering Studies (H1KL09) is an exit award only. The MSc Engineering Studies award does not meet the accreditation requirements of the Engineering Council for Further Learning for a Chartered Engineer (CEng) for candidates who have already acquired an accredited CEng (partial) BEng (Hons) or an accredited IEng (Full) BEng/BSc (Hons) undergraduate first degree.