**Durham University**
**Postgraduate Module Handbook**

These programme regulations should be read in conjunction with the University's core regulations for modular taught master's degrees, postgraduate diplomas and postgraduate certificates .

## 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 (~) | ENGI42090 | 90 |
| Group Design Project (~) | ENGI41030 | 30 |
| Fluid Mechanics | ENGI44710 | 10 |
| Future Vehicles 4 | ENGI44810 | 10 |
| Non-Linear Solid Mechanics 4 | ENGI44B10 | 10 |
| Renewable Energy Technologies 4 | ENGI44H10 | 10 |
| Turbomachinery and Propulsion 4 | ENGI44M10 | 10 |

5. Candidates shall also study and be assessed in modules to the value of 10 credits from List A.

| **List A** | | **Credit value** |
|---|---|---|
| Internet of Everything 4 | ENGI44A10 | 10 |
| Optimisation 4 | ENGI44C10 | 10 |
| Environmental Engineering 4 | ENGI44U10 | 10 |

**Assessment, progression and award**

6. If a candidate fails a module, they will be given the opportunity to re-sit the relevant assessment(s), or a comparable piece of assessment if appropriate, at a time to be determined by the Department.
7. Project reports for ENGI42090 are submitted in August, in advance of an oral examination before the end of August.
8. Modules marked (~) in the programme structure section must be passed at 50% or above; a mark of 40-49% cannot be compensated.
9. A maximum of 20 credits may be compensated in the degree in line with the Engineering Council statement on compensation and condonement.