

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.