

Programme Regulations: 2026/27

Programme Title:

Degree of Master of Engineering with Honours in Aerospace Engineering – UCAS Code: H401

Degree of Master of Engineering with Honours Aerospace Engineering with Placement Year – Code: 1936U

Degree of Master of Engineering with Honours Aerospace Engineering with International Study Abroad Year – Code: 1938U

Degree of Master of Engineering with Honours in Aerospace Engineering Science – 1939U*

Degree of Master of Engineering with Honours in Aerospace Engineering Science with Placement Year – 1940U*

Degree of Master of Engineering with Honours in Aerospace Engineering Science with International Study Abroad Year- 1941U*

Notes

- (i) *These programme regulations should be read in conjunction with the University's Taught Programme Regulations.*
- (ii) *Unless otherwise stated under 'Type', modules are not core.*
- (iii) *A compulsory module is a module which a student is required to study.*
- (iv) *A core module is a module which a student must pass, and in which a fail mark may neither be carried nor compensated; such modules are designated by the board of studies as essential for progression to a further stage of the programme or for study in a further module.*
- (v) *Programme transfers for Tier 4 students may be restricted. Please refer to the Visa Team for advice.*
- (vi) *All modules are delivered in Linear mode unless stated otherwise as Block, eLearning or distance learning.*
- (vii) **Programmes coded 1939U, 1940U and 1941U are non-accredited honours degree titles and are only awarded where a candidate only meets the requirements of the University's Taught Programme Regulations and Examination Conventions.*

1. Stage 1

(a) All candidates shall take the following compulsory modules:

<i>Code</i>	<i>Descriptive title</i>	<i>Total Credits</i>	<i>Credits Sem 1</i>	<i>Credits Sem 2</i>	<i>Level</i>	<i>Type</i>
ENG1001	Engineering Mathematics I	20	10	10	4	Core
ENG1003	Electrical and Magnetic Systems	15	10	5	4	
ENG1004	Electronics & Sensors	10		10	4	
ENG1005	Thermofluid Mechanics	15	5	10	4	
ENG1006	Properties & Behaviour of Engineering Materials	15	15		4	
ENG1007	Mechanics I	15	5	10	4	
ENG1010	Aerospace Engineering: Fundamentals, Design and Professional Skills	30	15	15	4	

2. Stage 2

(a) All candidates shall take the following compulsory modules:

<i>Code</i>	<i>Descriptive title</i>	<i>Total Credits</i>	<i>Credits Sem 1</i>	<i>Credits Sem 2</i>	<i>Level</i>	<i>Type</i>
ENG2011	Engineering Mathematics II	10	10		5	
ENG2015	Mechanics II: Statics and Dynamics	20	10	10	5	
ENG2022	Materials Science II	10	10		5	
ENG2023	Thermal Engineering	10		10	5	
ENG2027	Fluid Mechanics II	10	10		5	
ENG2029	AC Electrical Power and Conversion	10		10	5	
ENG2031	Mathematical Modelling & Statistical Methods for Engineers	10		10	5	
ENG2032	Business and Law for Engineers	10	5	5	5	
ENG2912	Advanced Aerospace Design	20	10	10	5	
MEC2008	Mechanical Engineering Professional Skills II	10	5	5	5	

(b) Progression and transfer to other programmes:

Candidates wishing to progress on a Master of Engineering programme are normally required to pass Stage 2 with an average mark of at least 60%. Candidates who fail to satisfy this criterion are normally required to transfer to the degree of Bachelor of Engineering with Honours in Aerospace Engineering

3. Stage 3

(a) All candidates shall take the following compulsory modules:

<i>Code</i>	<i>Descriptive title</i>	<i>Total Credits</i>	<i>Credits Sem 1</i>	<i>Credits Sem 2</i>	<i>Level</i>	<i>Type</i>
EEE3028	Electrical Machines	10	10		6	
MEC3027	Introduction to Instrumentation & Drive Systems	20	20		6	
MEC3028	Computational Heat and Fluid Flow	10	10		6	
MEC3029	Advanced Mechanics	20	10	10	6	
MEC3030	Digital Manufacturing Processes and Systems	20		20	6	
MEC3032	Advanced Thermofluid Dynamics	10	10		6	
MEC3099	Aerospace Engineering Project	30	10	20	6	

(b) Subject to the approval of the Degree Programme Director, candidates may exceptionally spend all or part of Stage 3 at another university abroad as part of an approved exchange programme. Such candidates who fail to satisfy the Examiners in the assessment for Stage 3 may not be reassessed but may be permitted to transfer to Stage 3 of the degree of Bachelor of Engineering with Honours in Aerospace Engineering.

(c) Progression or Transfer to Other Programmes

Candidates wishing to progress on to a Master of Engineering programme are normally required to pass Stage 3 with an average mark of at least 60%. Students who fail to satisfy this criterion may be considered for the award of BEng(Hons). The following students are exempt from this criterion:

- (i) Candidates allowed Direct Entry to MEng Stage 3, or
- (ii) Candidates who have taken all or part of Stage 3 at an overseas Higher Education institution under (b) above who are deemed eligible to progress to the MEng without carrying any modules.

A Master of Engineering student who has completed Stage 3 and is eligible to progress to Stage 4 without carrying any modules may choose to graduate with a BEng degree instead of progressing to Stage 4.

4. Year 4 (Intercalating Year)

(a) Careers Placement

On completion of Stage 3 and before entering Stage 4, candidates may as part of their studies for the degree spend a year in a placement with an approved organisation. Permission to undertake a placement is subject to the approval of the Degree Programme Director. Students who are required to re-sit their Stage 3 assessment must delay the start of their placement until they have done so. Students who fail Stage 3 may not complete a placement year.

<i>Code</i>	<i>Descriptive title</i>	<i>Total Credits</i>	<i>Credits Sem 1</i>	<i>Credits Sem 2</i>	<i>Level</i>	<i>Type</i>
NCL3000	Career Service Placement Year Module	120	60	60	6	

(b) International Study Year

On completion of Stage 3 and before entering Stage 4, candidates may spend the equivalent of one academic year abroad at an appropriate exchange partner institution. Permission to undertake a year abroad is subject to the approval of the Degree Programme Director. Students who are required to re-sit their Stage 3 assessment must delay the start of their year abroad until they have done so. Students who fail Stage 3 may not complete a year abroad.

<i>Code</i>	<i>Descriptive title</i>	<i>Total Credits</i>	<i>Credits Sem 1</i>	<i>Credits Sem 2</i>	<i>Level</i>	<i>Type</i>
ISY3000	International Study Year Module	120	60	60	6	

5. Stage 4

(a) All candidates shall take the following compulsory modules:

<i>Code</i>	<i>Descriptive title</i>	<i>Total Credits</i>	<i>Credits Sem 1</i>	<i>Credits Sem 2</i>	<i>Level</i>	<i>Type</i>	<i>Mode</i>
EEE8151	Distributed Control Systems	20		20	7		Block
EEE8155	Designing sustainable electric propulsion and generation systems	20		20	7		Block
MEC8029	Design of Mechanical Power Transmissions	20	20		7		Block
MEC8062	Turbulent Fluid Flow and Modelling	20		20	7		Block
MEC8099	Aerospace Engineering Team Project	40	30	10	7		

6. Assessment methods

Details of the assessment pattern for each module are explained in the module outline.

7. Compensation and Condonement

For students entering the programme in 2021/22 onwards, the Engineering Council's policy on compensation and condonement will apply to marks awarded for modules at all stages, to satisfy accreditation requirements. To be awarded an accredited honours degree, only a maximum of 30 credits can be compensated over the duration of the degree programme, where the final mark is up to 5 percentage points below the pass mark. Core modules cannot be compensated. Individual projects and group projects worth more than 20 credits cannot be compensated. There is no condonement of modules delivering Accreditation of Higher Education Programmes (AHEP) learning outcomes.

Any student not satisfying the accreditation requirements, but satisfying University's Degree and Assessment regulations, will have the opportunity to be awarded a non-accredited honours degree with its classification based on the overall final stage averages beyond stage one.

8. Degree classification

Candidates will be assessed for degree classification on the basis of all the modules taken at Stages 2, 3

and 4 with the weighting of the stages being 1:2:2 for Stage 2, Stage 3 and Stage 4 respectively.

Candidates spending Stage 3 at an overseas HE Institution will be assessed with a weighting of 1:1:2 for Stage 2, Stage 3 and Stage 4 respectively.

Candidates admitted to Stage 3 MEng directly on the basis of study at another institution will be assessed with a weighting of 1:1 for Stage 3 and Stage 4 respectively.