



Swansea University
Prifysgol Abertawe

FACULTY OF SCIENCE AND ENGINEERING

POSTGRADUATE STUDENT HANDBOOK

MSc SUSTAINABLE AVIATION (FHEQ LEVEL 7)

SUBJECT SPECIFIC PART TWO OF TWO MODULE AND COURSE STRUCTURE 2025-26

DISCLAIMER

The Faculty of Science and Engineering has made all reasonable efforts to ensure that the information contained within this publication is accurate and up-to-date when published but can accept no responsibility for any errors or omissions.

The Faculty of Science and Engineering reserves the right to revise, alter or discontinue degree programmes or modules and to amend regulations and procedures at any time, but every effort will be made to notify interested parties.

It should be noted that not every module listed in this handbook may be available every year, and changes may be made to the details of the modules. You are advised to contact the Faculty of Science and Engineering directly if you require further information.

IMPORTANT

Term Dates

The 25-26 academic year begins on 29 September 2025

Full term dates can be found [here](#)

Academic Integrity

Swansea University and the Faculty of Science of Engineering takes any form of **academic misconduct** very seriously. In order to maintain academic integrity and ensure that the quality of an Award from Swansea University is not diminished, it is important to ensure that all students are judged on their ability. No student should have an unfair advantage over another as a result of academic misconduct - whether this is in the form of **Plagiarism**, **Collusion** or **Commissioning**.

It is important that you are aware of the **guidelines** governing Academic Misconduct within the University/Faculty of Science and Engineering and the possible implications. The Faculty of Science and Engineering will not take intent into consideration and in relation to an allegation of academic misconduct - there can be no defence that the offence was committed unintentionally or accidentally.

Please ensure that you read the University webpages covering the topic – procedural guidance [here](#) and further information [here](#). You should also read the Faculty Part One handbook fully, in particular the pages that concern Academic Misconduct/Academic Integrity.

The difference between compulsory and core modules

Compulsory modules must be **pursued** by a student.

Core modules must not only be **pursued**, but also **passed** before a student can proceed to the next level of study or qualify for an award. Failures in core modules must be redeemed.

Further information can be found under “Modular Terminology” on the following link - <https://myuni.swansea.ac.uk/academic-life/academic-regulations/taught-guidance/essential-info-taught-students/your-programme-explained/>

Key Programme Staff

Aerospace Engineering Programme Director	Aerospace Engineering Year Coordinator
Dr Nidhal Jamia	Professor Hamed Haddad Khodaparast

MSc (FHEQ Level 7) 2025/26

Sustainable Aviation

MSc Sustainable Aviation

Semester 1 Modules	Semester 2 Modules
EG-M329 Advanced Propulsion 10 Credits Dr Z Ren CORE	EG-M190 Socio-Technical Engineering 10 Credits Dr SA Rolland/Dr A Larimi CORE
EG-M69 Advanced Airframe Structures 10 Credits Prof H Haddad Khodaparast CORE	EG-M330 Next Generation Sustainable Aircraft Technologies 10 Credits Dr Y Xia CORE
EG-M81 Flight Dynamics and Control 10 Credits Dr H Madinei CORE	EG-M47 Business Leadership for Engineers 10 Credits Dr JE Norambuena-Contreras/Dr Z Tehrani
EGTM79 Sustainability and Environmental Assessment 10 Credits Prof GTM Bunting/Mr MH Green CORE	EG-M90 Advanced Aerodynamics 10 Credits Prof BJ Evans CORE
	EGTM60 Aerospace Materials Engineering 10 Credits Prof C Pleydell-Pearce
EG-M62 Group project (Aerospace) 30 Credits Dr TN Croft/Dr Z Jelic/Dr X Zou CORE	
Dissertation	
EG-D02 MSc Dissertation - Aerospace Engineering 60 Credits Dr Y Xia CORE	
Total 180 Credits	