



Swansea University
Prifysgol Abertawe

FACULTY OF SCIENCE AND ENGINEERING

UNDERGRADUATE STUDENT HANDBOOK

YEAR 2 (FHEQ LEVEL 5)

MATHEMATICS AND SPORTS SCIENCE DEGREE PROGRAMMES

**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

Mathematics Programme Director	Year 2 Coordinator
Dr Kristian Evans	Professor Chenggui

Year 2 (FHEQ Level 5) 2025/26
Mathematics and Sports Science
 BSc Mathematics and Sports Science with a year in industry[GC18]

Compulsory Modules

Semester 1 Modules	Semester 2 Modules
MA-201 Multi-variable analysis 15 Credits Dr JB Macmillan CORE	MA-202 Metric spaces and measure theory 15 Credits Dr JB Macmillan CORE
MA-203 Professional Development and Career Planning 0 Credits Dr SA Rolland/Dr SA Rolland CORE	SR-210 Sports Ethics: The Ethics of Athlete Well-Being 15 Credits Dr J Devine/Dr AJ Bloodworth/Mr LTJ Cox
SR-253 Exercise Physiology 15 Credits Prof MA McNarry/Dr G Garcia Matta/Dr M Waldron	SR-259 Human Nutrition 15 Credits Dr TD Love
SR-258 Biomechanical Technology, Measurement & Analysis 15 Credits Prof NE Bezodis/Dr C Starbuck	
MA-203 Professional Development and Career Planning 0 Credits Dr SA Rolland/Dr SA Rolland CORE	
Total 120 Credits	

Optional Modules

Choose exactly 30 credits

Subject to Pre-Requisite Requirements

MA-241	Differential Equations	Dr V Giunta	TB1	15
MA-243	Mathematical Modelling: Theory and Practice	Prof GG Powathil	TB2	15
MA-252	Probability Theory	Prof C Yuan/Prof E Lytvynov	TB1	15
MA-292	Statistical Data Analysis	Dr K Evans	TB2	15

Year 2 (FHEQ Level 5) 2025/26
Mathematics and Sports Science
 BSc Mathematics and Sports Science[GC16]
 BSc Mathematics and Sports Science with a Year Abroad[GC17]

Compulsory Modules

Semester 1 Modules	Semester 2 Modules
MA-201 Multi-variable analysis 15 Credits Dr JB Macmillan CORE	MA-202 Metric spaces and measure theory 15 Credits Dr JB Macmillan CORE
SR-253 Exercise Physiology 15 Credits Prof MA McNarry/Dr G Garcia Matta/Dr M Waldron	SR-210 Sports Ethics: The Ethics of Athlete Well-Being 15 Credits Dr J Devine/Dr AJ Bloodworth/Mr LTJ Cox
SR-258 Biomechanical Technology, Measurement & Analysis 15 Credits Prof NE Bezodis/Dr C Starbuck	SR-259 Human Nutrition 15 Credits Dr TD Love
Total 120 Credits	

Optional Modules

Choose exactly 30 credits

Subject to Pre-Requisite Requirements

MA-203	Professional Development and Career Planning	Dr SA Rolland/Dr SA Rolland	TB1+2	0
MA-241	Differential Equations	Dr V Giunta	TB1	15
MA-243	Mathematical Modelling: Theory and Practice	Prof GG Powathil	TB2	15
MA-252	Probability Theory	Prof C Yuan/Prof E Lytvynov	TB1	15
MA-292	Statistical Data Analysis	Dr K Evans	TB2	15