



Swansea University
Prifysgol Abertawe

FACULTY OF SCIENCE AND ENGINEERING

UNDERGRADUATE STUDENT HANDBOOK

FOUNDATION (FHEQ LEVEL 3)

FOUNDATION PHYSICS **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

Physics Programme Director	Physics Foundation Coordinator
Dr Timothy Burns	Dr Aled Isaac

Year 0 (FHEQ Level 3) 2025/26

Physics

BSc Physics[F301]

Semester 1 Modules	Semester 2 Modules
PH-021 Mechanics 20 Credits Prof A Armoni CORE	PH-024 Waves, Optics and Thermal Physics 20 Credits Dr El Zavala Carrasco CORE
PH-022 Electricity and Magnetism 20 Credits Prof SJ Eriksson CORE	PH-025 Atoms, Nuclei and Particles 20 Credits Prof N Madsen/Dr SM Shermer CORE
PH-023 Foundation Mathematics for Physicists I 20 Credits Dr SM Shermer CORE	PH-026 Foundation Mathematics for Physicists II 20 Credits Dr CA Isaac CORE
Total 120 Credits	