Swansea University
Prifysgol Abertawe

FACULTY OF SCIENCE AND ENGINEERING

UNDERGRADUATE STUDENT HANDBOOK

YEAR 3 (FHEQ LEVEL 6)

BSC CHEMICAL ENGINEERING

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

Chemical Engineering Programme Director	Chemical Engineering Year Coordinator
Dr Daniel Curtis	Dr Peter Esteban

Further Guidance for Year 3 students enrolled on a non-accredited BSc programme

Please be aware that the non-accredited BSc programme will follow standard University regulations, and it is important to be aware of the following:

CORE modules
There are no CORE modules in the Year 3 BSc programmes.

B-version of modules
Where a module has an additional assessment rule (for example, students must pass the exam with a mark of 40%+ in order to pass the module), B-versions of these modules have been created for the BSc programmes. The module content and assessment are the same, but the additional assessment rule does not feature.

Compensation at Final Year
As standard final year regulations apply for the BSc, these currently permit compensation in up to 40-credits down to 0 in non-core modules at Final Year.

Resits at Final Year
There is no opportunity for resits in final year for those on the BSc programme, unlike BEng/MEng.

Calculation of the BSc degree classification
Calculation of the BSc will follow standard university regulations with the following system applied - The overall average will be worked out with 3*weighting for the best 80 Cr from year 3, 2* weighting for remaining 40Cr from Year 3 and best 40Cr from Year 2, 1*weighting for remaining Year 2 modules. A formula is then applied to calculate the degree classification average.

As previously highlighted the BSc programmes are not-accredited.

Year 3 (FHEQ Level 6) 2025/26
BSc Chemical Engineering
BSc Chemical Engineering

Semester 1 Modules	Semester 2 Modules
EG-304 Safety and Loss Prevention 10 Credits Dr YK Ju-Nam	EG-307 Particulate Systems 10 Credits Dr P Bertoncello
EG-337 Reactor Design II 10 Credits Prof DL Oatley-Radcliffe	EGA323 Low Carbon Technologies 10 Credits Dr P Bertoncello
EG-338 Separation Processes II 10 Credits Prof C Tizaoui	
EG-339 Process Equipment Design 10 Credits Ms S Walsh	
EGA332 Process Equipment Selection and Control 10 Credits Dr CO Phillips	
EG-3086A Chemical Engineering Design Project ¿ Group Work Elements 20 Credits Dr P Esteban/Dr Y Qiao/Ms S Walsh	
EG-3086B Chemical Engineering Design Project ¿ Individual Work Elements 20 Credits Dr P Esteban/Dr Y Qiao/Ms S Walsh	
EG-386B Engineering Management B 10 Credits Dr JM Courtney/Dr M Evans	
Total 120 Credits	