



**Swansea University  
Prifysgol Abertawe**

**FACULTY OF SCIENCE AND  
ENGINEERING**

**UNDERGRADUATE STUDENT  
HANDBOOK**

**YEAR 2 (FHEQ LEVEL 5)**

**BSC ENVIRONMENTAL SCIENCE AND THE CLIMATE  
EMERGENCY**

**UNDERGRADUATE PROGRAMMES**

**SUBJECT SPECIFIC  
PART TWO OF TWO  
MODULE AND COURSE STRUCTURE  
2024-25**

## **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.

## The 24-25 academic year begins on 23 September 2024

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

### **DATES OF 24-25 TERMS**

23 September 2024 – 13 December 2024

06 January 2025 – 11 April 2025

06 May 2025 – 06 June 2025

### **SEMESTER 1**

23 September 2024 – 27 January 2025

### **SEMESTER 2**

27 January 2025 – 06 June 2025

### **SUMMER**

09 June 2025 – 19 September 2025

## **IMPORTANT INFORMATION ON 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.

## **Welcome to the Faculty of Science and Engineering!**

Whether you are a new or a returning student, we could not be happier to be on this journey with you.

At Swansea University and in the Faculty of Science and Engineering, we believe in working in partnership with students. We work hard to break down barriers and value the contribution of everyone.

Our goal is an inclusive community where everyone is respected, and everyone's contributions are valued. Always feel free to talk to academic, technical and administrative staff, administrators - I'm sure you will find many friendly helping hands ready to assist you. And make the most of living and working alongside your fellow students.

During your time with us, please learn, create, collaborate, and most of all – enjoy yourself!

**Professor David Smith**  
**Pro-Vice-Chancellor and Executive Dean**  
**Faculty of Science and Engineering**



<b>Faculty of Science and Engineering</b>	
Pro-Vice-Chancellor and Executive Dean	Professor David Smith
Head of Operations	Mrs Ruth Bunting
Associate Dean – Education	Dr Laura Roberts
<b>School of Biosciences, Geography and Physics</b>	
Head of School	Dr Kevin Rees <a href="mailto:k.g.rees@swansea.ac.uk">k.g.rees@swansea.ac.uk</a>
School Education Lead	Dr Wendy Harris <a href="mailto:w.e.harris@swansea.ac.uk">w.e.harris@swansea.ac.uk</a>
Head of Geography	Dr Angharad Closs Stephens <a href="mailto:a.c.stephens@swansea.ac.uk">a.c.stephens@swansea.ac.uk</a>
Geography Programme Director	Dr Emilia Urbanek <a href="mailto:e.urbanek@swansea.ac.uk">e.urbanek@swansea.ac.uk</a>
Year 2 Coordinator	Dr Nicholas Felstead <a href="mailto:n.j.felstead@swansea.ac.uk">n.j.felstead@swansea.ac.uk</a>

## STUDENT SUPPORT

The **Student Experience and Information Team** are here to support you through your studies and to provide non-judgemental advice and guidance. If you have any questions relating to your academic or personal life you can contact the Team and chat through your support options.

The Team is available for in-person support meetings and can also be contacted via email ([studentsupport-scienceengineering@swansea.ac.uk](mailto:studentsupport-scienceengineering@swansea.ac.uk)) or phone (**+44 (0) 1792 295514**). You can access their full contact details [here](#).

To visit the Team you can attend either of the following Receptions:

- Reception in the Foyer of Engineering Central, [Bay Campus](#)
- Reception on the first-floor landing of the Wallace Building, [Singleton Park Campus](#)

Standard Reception opening hours are Monday to Friday from 9am to 5pm however, this may vary outside of term time.

The current [FSE Student webpages](#) also contain useful information and links to additional resources:



## READING LISTS

Reading lists for each module are available on the course Canvas page and are also accessible via <http://ifindreading.swan.ac.uk/>.

We do not expect you to purchase textbooks, unless it is a specified key text for the course.

## 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/>

**Year 2 (FHEQ Level 5) 2024/25**  
**Environmental Science and the Climate Emergency**  
 BSc Environmental Science and the Climate Emergency with a Foundation Year[F771]  
 BSc Environmental Science and the Climate Emergency with a Year Abroad[F772]

**Compulsory Modules**

Semester 1 Modules	Semester 2 Modules
<a href="#"><u>BIO249</u></a> Introduction to field ecology 15 Credits Dr GR Thomas/Dr AP Devine/Prof CA Froyd/Dr PJ Neyland	<a href="#"><u>BIO232</u></a> Plant Ecology 15 Credits Dr PJ Neyland/Dr AP Devine/Prof CA Froyd
<b>Total 120 Credits</b>	

**Optional Modules**

Choose exactly 20 credits

GEC277 is the welsh equivalent of GEG277

<a href="#"><u>GEC277</u></a>	Dulliau Daearyddol a Dadansoddi Data	Dr RH Meara/Dr A Closs Stephens	TB1+2	20
<a href="#"><u>GEG277</u></a>	Geographical Methods and Data Analysis	Dr KJ Ficken/Dr SL Cairns/Prof SH Doerr/..	TB1+2	20

**And**

Choose exactly 20 credits

GEC278 is the welsh equivalent of GEG278

<a href="#"><u>GEC278</u></a>	Sgiliau Dadansoddi Data a Pharatoi Traethawd Hir	Dr EM Roberts/Dr RH Meara	TB1+2	20
<a href="#"><u>GEG278</u></a>	Dissertation Preparation Skills	Dr NJ Felstead/Dr SL Cairns/Prof SH Doerr/..	TB1+2	20

**And**

Choose exactly 20 credits

This module has been pre-allocated to your module selections before our application process in April. After the application process, you will be allocated the correct module

GEG252SI Scilly Isles is the preferred option for ESCE students however students will be allotted a place on one of the following after a preference survey has taken place:

GEG252L

GEG252V

GEG252ICE

GEG252SI

<a href="#"><u>GEC252</u></a>	Sgiliau Gwaith Maes Daearyddol	Dr RH Meara	TB2	20
<a href="#"><u>GEG252</u></a>	Geographical Fieldwork skills	Dr NJ Felstead	TB2	20

**And**

Choose exactly 30 credits



<a href="#"><u>GE-200</u></a>	Professional Development and Career Planning	Mrs S Gill	TB1	0
<a href="#"><u>GEC276</u></a>	Systemau Gwybodaeth Ddaearyddol	Dr CJT Ladd/Prof AJ Luckman	TB1	20
<a href="#"><u>GEG220</u></a>	Tourism, Heritage and Leisure	Dr JF Maddern	TB2	10
<a href="#"><u>GEG229</u></a>	Marginal Cultural Geographies	Dr KH Halfacree	TB1	10
<a href="#"><u>GEG230</u></a>	Social Geographies	Prof SV Shubin	TB2	10
<a href="#"><u>GEG236</u></a>	Earth from Space: Monitoring Global Environmental Change	Prof PRJ North	TB2	10
<a href="#"><u>GEG251</u></a>	Political Geographies	Dr A Closs Stephens/Dr KG Rees	TB1	10
<a href="#"><u>GEG276</u></a>	Introduction to Geographic Information Systems	Prof AJ Luckman/Dr CJT Ladd	TB1	20
<a href="#"><u>GEG283</u></a>	Sustainable Land Management	Dr E Urbanek/Prof SH Doerr	TB2	10
<a href="#"><u>GEG284</u></a>	Coasts	Dr CJT Ladd	TB1	10

**Year 2 (FHEQ Level 5) 2024/25**  
**Environmental Science and the Climate Emergency**  
 BSc Environmental Science and the Climate Emergency with a Year in Industry[F773]

**Compulsory Modules**

Semester 1 Modules	Semester 2 Modules
<a href="#">BIO249</a> Introduction to field ecology 15 Credits Dr GR Thomas/Dr AP Devine/Prof CA Froyd/Dr PJ Neyland	<a href="#">BIO232</a> Plant Ecology 15 Credits Dr PJ Neyland/Dr AP Devine/Prof CA Froyd
<a href="#">GE-200</a> Professional Development and Career Planning 0 Credits Mrs S Gill	
<b>Total 120 Credits</b>	

**Optional Modules**

Choose exactly 20 credits

GEC277 is the welsh equivalent of GEG277

<a href="#">GEC277</a>	Dulliau Daearyddol a Dadansoddi Data	Dr RH Meara/Dr A Closs Stephens	TB1+2	20
<a href="#">GEG277</a>	Geographical Methods and Data Analysis	Dr KJ Ficken/Dr SL Cairns/Prof SH Doerr/..	TB1+2	20

**And**

Choose exactly 20 credits

GEC278 is the welsh equivalent of GEG278

<a href="#">GEC278</a>	Sgiliau Dadansoddi Data a Pharatoi Traethawd Hir	Dr EM Roberts/Dr RH Meara	TB1+2	20
<a href="#">GEG278</a>	Dissertation Preparation Skills	Dr NJ Felstead/Dr SL Cairns/Prof SH Doerr/..	TB1+2	20

**And**

Choose exactly 20 credits

This module has been pre-allocated to your module selections before our application process in April. After the application process, you will be allocated the correct module

GEG252SI Scilly Isles is the preferred option for ESCE students however students will be allotted a place on one of the following after a preference survey has taken place:

GEG252L

GEG252V

GEG252ICE

GEG252SI

<a href="#">GEC252</a>	Sgiliau Gwaith Maes Daearyddol	Dr RH Meara	TB2	20
<a href="#">GEG252</a>	Geographical Fieldwork skills	Dr NJ Felstead	TB2	20

**And**

Choose exactly 30 credits

<a href="#"><u>GEC276</u></a>	Systemau Gwybodaeth Ddaearyddol	Dr CJT Ladd/Prof AJ Luckman	TB1	20
<a href="#"><u>GEG220</u></a>	Tourism, Heritage and Leisure	Dr JF Maddern	TB2	10
<a href="#"><u>GEG229</u></a>	Marginal Cultural Geographies	Dr KH Halfacree	TB1	10
<a href="#"><u>GEG230</u></a>	Social Geographies	Prof SV Shubin	TB2	10
<a href="#"><u>GEG236</u></a>	Earth from Space: Monitoring Global Environmental Change	Prof PRJ North	TB2	10
<a href="#"><u>GEG251</u></a>	Political Geographies	Dr A Closs Stephens/Dr KG Rees	TB1	10
<a href="#"><u>GEG276</u></a>	Introduction to Geographic Information Systems	Prof AJ Luckman/Dr CJT Ladd	TB1	20
<a href="#"><u>GEG283</u></a>	Sustainable Land Management	Dr E Urbanek/Prof SH Doerr	TB2	10
<a href="#"><u>GEG284</u></a>	Coasts	Dr CJT Ladd	TB1	10

**Year 2 (FHEQ Level 5) 2024/25**  
**Environmental Science and the Climate Emergency**  
 BSc Environmental Science and the Climate Emergency[F770]

**Compulsory Modules**

Semester 1 Modules	Semester 2 Modules
<a href="#"><u>BIO249</u></a> Introduction to field ecology 15 Credits Dr GR Thomas/Dr AP Devine/Prof CA Froyd/Dr PJ Neyland	<a href="#"><u>BIO232</u></a> Plant Ecology 15 Credits Dr PJ Neyland/Dr AP Devine/Prof CA Froyd
<b>Total 120 Credits</b>	

**Optional Modules**

Choose exactly 20 credits

GEC277 is the welsh equivalent of GEG277

<a href="#"><u>GEC277</u></a>	Dulliau Daearyddol a Dadansoddi Data	Dr RH Meara/Dr A Closs Stephens	TB1+2	20
<a href="#"><u>GEG277</u></a>	Geographical Methods and Data Analysis	Dr KJ Ficken/Dr SL Cairns/Prof SH Doerr/..	TB1+2	20

**And**

Choose exactly 20 credits

GEC278 is the welsh equivalent of GEG278

<a href="#"><u>GEC278</u></a>	Sgiliau Dadansoddi Data a Pharatoi Traethawd Hir	Dr EM Roberts/Dr RH Meara	TB1+2	20
<a href="#"><u>GEG278</u></a>	Dissertation Preparation Skills	Dr NJ Felstead/Dr SL Cairns/Prof SH Doerr/..	TB1+2	20

**And**

Choose exactly 20 credits

This module has been pre-allocated to your module selections before our application process in April. After the application process, you will be allocated the correct module.

GEG252SI Scilly Isles is the preferred option for ESCE students however students will be allotted a place on one of the following after a preference survey has taken place:

GEG252L

GEG252V

GEG252ICE

GEG252SI

<a href="#"><u>GEC252</u></a>	Sgiliau Gwaith Maes Daearyddol	Dr RH Meara	TB2	20
<a href="#"><u>GEG252</u></a>	Geographical Fieldwork skills	Dr NJ Felstead	TB2	20

**And**

Choose exactly 30 credits

<a href="#"><u>GE-200</u></a>	Professional Development and Career Planning	Mrs S Gill	TB1	0
<a href="#"><u>GEC276</u></a>	Systemau Gwybodaeth Ddaearyddol	Dr CJT Ladd/Prof AJ Luckman	TB1	20
<a href="#"><u>GEG220</u></a>	Tourism, Heritage and Leisure	Dr JF Maddern	TB2	10
<a href="#"><u>GEG229</u></a>	Marginal Cultural Geographies	Dr KH Halfacree	TB1	10
<a href="#"><u>GEG230</u></a>	Social Geographies	Prof SV Shubin	TB2	10
<a href="#"><u>GEG236</u></a>	Earth from Space: Monitoring Global Environmental Change	Prof PRJ North	TB2	10
<a href="#"><u>GEG251</u></a>	Political Geographies	Dr A Closs Stephens/Dr KG Rees	TB1	10
<a href="#"><u>GEG276</u></a>	Introduction to Geographic Information Systems	Prof AJ Luckman/Dr CJT Ladd	TB1	20
<a href="#"><u>GEG283</u></a>	Sustainable Land Management	Dr E Urbanek/Prof SH Doerr	TB2	10
<a href="#"><u>GEG284</u></a>	Coasts	Dr CJT Ladd	TB1	10