



**Swansea University
Prifysgol Abertawe**

**FACULTY OF SCIENCE AND
ENGINEERING**

**UNDERGRADUATE STUDENT
HANDBOOK**

YEAR 1 (FHEQ LEVEL 4)

**BA GEOGRAPHY
UNDERGRADUATE PROGRAMMES**

**SUBJECT SPECIFIC
PART TWO OF TWO
MODULE AND COURSE STRUCTURE
2022-23**

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 22-23 academic year begins on 19 September 2022

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

DATES OF 22-23 TERMS

19 September 2022 – 16 December 2022

9 January 2023 – 31 March 2023

24 April 2023 – 09 June 2023

SEMESTER 1

19 September 2022 – 27 January 2023

SEMESTER 2

30 January 2023 – 09 June 2023

SUMMER

12 June 2023 – 22 September 2023

IMPORTANT

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. You should also refer to the Faculty of Science and Engineering proof-reading policy and this can be found on the Community HUB on Canvas, under Course Documents.

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.

This has been a challenging period for everyone. The COVID-19 pandemic has prompted a huge change in society as well as how we deliver our programmes at Swansea University and the way in which you study, research, learn and collaborate. We have been working hard to make sure you will have or continue to having an excellent experience with us.

We have further developed some exciting new approaches that I know you will enjoy, both on campus and online, and we cannot wait to share these with you.

At Swansea University and in the Faculty of Science & 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 staff, administrators, and your fellow students - I'm sure you will find many friendly helping hands ready to assist you.

We all know this period of change will continue and we will need to adapt and innovate to continue to be supportive and successful. At Swansea we are committed to making sure our students are fully involved in and informed about our response to challenges.

In the meantime, learn, create, collaborate, and most of all – enjoy yourself!

Professor Johann (Hans) Sienz
Interim Pro-Vice Chancellor/Interim Executive Dean
Faculty of Science and Engineering



Faculty of Science and Engineering	
Interim Pro-Vice Chancellor/Interim Executive Dean	Professor Johann Sienz
Head of Operations	Mrs Ruth Bunting
Associate Dean – Student Learning and Experience (SLE)	Professor Paul Holland
School of Biosciences, Geography and Physics	
Head of School: Siwan Davies	
School Education Lead	Laura Roberts
Head of Geography	Kevin Rees
Geography Programme Director	Joanne Maddern
Year Coordinators	Year 0 – Dr Kath Ficken Year 1 – Dr Kath Ficken Year 2 – Dr Nick Felstead Year 3 – Professor Neil Loader PGT – Dr Iain Robertson

STUDENT SUPPORT

The Faculty of Science and Engineering has two **Reception** areas - Engineering Central (Bay Campus) and Wallace 223c (Singleton Park Campus).

Standard Reception opening hours are Monday-Friday 9am-5pm.

The **Student Support Team** provides dedicated and professional support to all students in the Faculty of Science and Engineering. Should you require assistance, have any questions, be unsure what to do or are experiencing difficulties with your studies or in your personal life, our team can offer direct help and advice, plus signpost you to further sources of support within the University. There are lots of ways to get information and contact the team:

Email: studentsupport-scienceengineering@swansea.ac.uk (Monday–Friday, 9am–5pm)

Call: +44 (0) 1792 295514 and 01792 6062522 (Monday-Friday, 10am–12pm, 2–4pm).

Zoom: By appointment. Students can email, and if appropriate we will share a link to our Zoom calendar for students to select a date/time to meet.

The current student **webpages** also contain useful information and links to other resources:

<https://myuni.swansea.ac.uk/fse/coe-student-info/>

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've removed reading lists from the 22-23 handbooks to ensure that you have access to the most up-to-date versions. Access to print material in the library may be limited due to CV-19; your reading lists will link to on-line material whenever possible. 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 1 (FHEQ Level 4) 2022/23
Geography (BA)
 BA Geography[L700]
 BA Geography with a Year Abroad[L701]
 BA Geography with a Year in Industry[F554]

Compulsory Modules

Semester 1 Modules	Semester 2 Modules
GEG131 Cities 20 Credits Dr CM Muellerleile/Dr AL Pigott/Dr RG Smith	GEG130 Globalisation 20 Credits Dr KG Rees/Mr F Bernhardt/Prof MA Doel
Total 120 Credits	

Optional Modules

Choose exactly 20 credits

GEC100	Sgiliau Daearyddol	Dr RH Meara	TB1	20
GEG100	Geographical skills	Dr H Hallang/Dr KJ Ficken/Dr KG Rees/..	TB1	20

And

Choose exactly 20 credits

GEC133	Peryglon Naturiol a Chymdeithas	Dr RH Meara/Prof SM Davies/Dr KJ Preece/..	TB2	20
GEG133	Natural Hazards and Society	Dr RH Meara/Prof SM Davies/Prof MA Doel/..	TB2	20

And

Choose exactly 20 credits

GEC135	Cynaliadwyedd a'r Argyfwng Hinsawdd	Dr RH Meara/Dr KR Evans	TB1	20
GEG135	Sustainability and the Climate Emergency	Dr KH Halfacree/Dr KJ Ficken/Prof PRJ North/..	TB1	20

And

Choose exactly 20 credits

GEC140	Prosiect a Dulliau Ymchwil	Dr RH Meara	TB2	20
GEG140	Project and Methods	Dr RG Smith/Prof T Murray/Dr JAB Rosette/..	TB2	20

GEC100 Sgiliau Daearyddol

Credits: 20 Session: 2022/23 September-January

Pre-requisite Modules:

Co-requisite Modules:

Lecturer(s): Dr RH Meara

Format: Darlithoedd: 11awr (in English)
Labordai: 27awr (yn Gymraeg)
Gwaith Maes: 6awr (yn Gymraeg)

Contact Hours will be delivered through a blend of live activities online and on-campus, and may include, for example, lectures, seminars, practical sessions and Academic Mentoring sessions.

Delivery Method: All Programmes will employ a blended approach to delivery using the Canvas Digital Learning Platform for live and self-directed online activity, with live and self-directed on-campus activities each week. Students may also have the opportunity to engage with online versions of sessions delivered on-campus

Darlithoedd wedi eu darparu ar y campws.
Sesiynau ymarferol wedi eu darparu ar y campws.
Teithiau maes i'r ardal gyfagos.

(Lectures delivered on campus.
Practicals mainly on campus.
Fieldtrips to the surrounding area)

Module Aims: Bwriad y modiwl hwn yw cyflwyno myfyrwyr i sgiliau daearyddol craidd. Bydd y sgiliau gwerthfawr yma yn cael eu meithrin trwy gydol eu gradd ym Mhrifysgol Abertawe. Dylai myfyrwyr sy'n dilyn y modiwl gallu defnyddio'r technegau hyn i ddehongli a dadansoddi data o amrywiaeth o amgylcheddau a chyd-destunau. Trafodwyd sgiliau cyflwyno megis defnydd tablau a chreu mapiau.

(The aim of this module is to introduce the participants to essential geographical skills. These invaluable skills will become enhanced throughout their degree at Swansea University. Participants should be able to apply these techniques to data from a wide variety of environments and contexts. Presentation skills will be covered from the use of tables to the drawing of maps.)

Module Content: Bydd y modiwl yma yn cyflwyno rhai o'r sgiliau hanfodol sydd eu heisiau gan ddaearyddwyr. Mae'r gyfadrn darlithoedd (11 awr) yn canolbwyntio ar ddadansoddi a dehongli data daearyddol ac fe roddwyd pwyslais arbennig ar dechnegau meintiol sylfaenol. Strwythurwyd sesiynau ymarferol (33 awr) er mwyn galluogi myfyrwyr i ddysgu'r technegau hyn. Anelwyd y modiwl at fyfyrwyr daearyddiaeth o bob maes er mwyn iddynt werthfawrogi sgiliau mathemategol, gwyddonol a mordwyol sylfaenol. Trafodwyd cyflwyno gwybodaeth daearyddol hefyd.

(This module introduces some of the essential skills required by geographers. The lecture component (11 hours) focuses upon the analysis of geographical data with a particulate emphasis on basic quantitative techniques. Practical (33 hours) are structured to enable students to learn these techniques. The module is directed towards all geography students to allow them to appreciate basic navigational, scientific and mathematical skills. Presentation of geographical information will also be covered.)

Intended Learning Outcomes: Dealltwriaeth eang o sgiliau trosglwyddadwy hanfodol
Hyder i ddefnyddio profion ystadegol meintiol i amrywiaeth o ddata
Dealltwriaeth ddofn o'r materion sy'n tansilio problemau daearyddol
Y gallu i ddatblygu yn unigol ond ar yr un pryd cydnabod pwysigrwydd gweithio fel rhan o dîm
Datblygu ymwybyddiaeth beirniadol o ymchwil daearyddol.

(A broad understanding of essential geographical skills
Confidence to apply quantitative statistical test to a wide range of data
An in-depth understanding of the issues underlying geographical problems
The ability to independently develop yet appreciate the importance of teamwork
Develop a critical awareness of geographical research)

Assessment: Coursework 1 (10%)
Coursework 2 (10%)
Coursework 3 (40%)
Coursework 4 (40%)

Assessment Description: Coursework 1: Field site leaflet (group assignment)
Coursework 2: Digimap project
Coursework 3: Online tests taken throughout the term
Coursework 4: Tutorial group essay

Moderation approach to main assessment: Second marking as sampling or moderation

Assessment Feedback: Bydd myfyrwyr yn derbyn adborth ar asesu parhaus (Ymarferion a'r Adroddiad Prosiect) ac arholiadau trwy'r system tiwtorialau (modiwl GEC111).

(Students will receive feedback on continuous assessment (Practicals and Project Report) and examinations through the tutorial system)

Failure Redemption: Arholiad ailsefyll yn ystod y cyfnod arholi Awst.

(Resit examination in the August exam period.)

Additional Notes: Delivery of both teaching and assessment will be blended including live and self-directed activities online and on-campus.

Nid yw'r modiwl yma ar gael i fyfyrwyr sy'n ymweld neu fyfyrwyr ar gynlluniau cyfnewid. Mae'r gallu i ysgrifennu yn y Gymraeg yn hanfodol.

(Not available to visiting or exchange students. Competence in written Welsh is a necessity.)

GEC133 Peryglon Naturiol a Chymdeithas

Credits: 20 Session: 2022/23 January-June

Pre-requisite Modules:

Co-requisite Modules:

Lecturer(s): Dr RH Meara, Prof SM Davies, Dr KJ Preece

Format: 20 darlith, 4 dosbarth ymarferol, 1 sesiwn 'diwrnod trychineb' diwrnod o hyd

1 hour lectures

2 x 2 practical classes

1 day long 'disaster day'

Contact Hours will be delivered through a blend of live activities online and on-campus, and may include, for example, lectures, seminars, practical sessions and Academic Mentoring sessions.

Delivery Method: All Programmes will employ a blended approach to delivery using the Canvas Digital Learning Platform for live and self-directed online activity, with live and self-directed on-campus activities each week. Students may also have the opportunity to engage with online versions of sessions delivered on-campus

Ar y Campws

On Campus

Module Aims: .Bydd y modiwl hwn yn ymchwilio i agweddau peryglus amgylchedd y Ddaear a pherthynas y gymdeithas â nhw. Bydd egwyddorion cychwynnol yn cynnwys diffiniad o berygl naturiol, trychineb, risg a cholled ac ymagweddau at leihau risg a rheoli trychinebau. Mae'r prif fathau o berygl naturiol yn cael eu hastudio er mwyn deall sut maent yn gweithredu, ble, a pha mor aml maent yn debygol o ddigwydd. Caiff canlyniadau peryglus eu hystyried, yn ogystal â sut gall y gymdeithas ymateb i ddigwyddiadau peryglus. Mae agweddau allweddol yn cynnwys trafod peryglon cynradd ac eilradd, rhagweld a monitro peryglon, a deall sut y gellir lleihau eu heffeithiau niweidiol. Bydd y peryglon naturiol a fydd yn cael eu hystyried yn y modiwl hwn yn cynnwys ffrwydradau llosgfynyddoedd, daeargrynfeydd, tswnamiau, tanau gwyllt, tirlithriadau, digwyddiadau tywydd eithafol, llifogydd, cwmpfeydd eira a Pheryglon Mawr. Bydd y modiwl hefyd yn ystyried y cysyniad o "Bobl fel Peryglon". Bydd darlithoedd yn ymdrin ag egwyddorion cyffredinol ynghyd ag astudiaethau achos. Bydd dosbarthiadau ymarferol yn atgyfnerthu'r cysyniadau a drafodir mewn darlithoedd. Bydd agwedd ymarferol y gwaith hwn yn dod i uchafbwynt mewn diwrnod efelychu rheolaeth mewn trychineb.

This module investigates hazardous aspects of Earth's natural environment and how society relates to them.

Introductory principles include the definition of natural hazard, disaster, risk and loss, and approaches to reducing risk and managing disasters. Major types of natural hazard are studied in order to understand how they operate, where, and how frequently they are likely to occur. Hazardous consequences are explored, as well as how society can respond to hazardous events. Key aspects include discussion of primary and secondary hazards, prediction, forecasting and monitoring of hazards, and understanding how their harmful effects can be minimised.

Natural hazards considered during this module include volcanic eruptions, earthquakes, tsunamis, wildfires, landslides, extreme weather events, flooding, avalanches and Mega Hazards. The module will also consider the concept of "Humans as Hazards". Lectures consider general principles as well as case studies. Practical classes reinforce concepts learned in lectures. The practical aspect of the work will culminate in a disaster management simulation day.

Module Content: Cyflwyniad i beryglon a thrychinebau

Peryglon naturiol – prosesau a chanlyniadau ffrwydradau llosgfynyddoedd, daeargrynfeydd, tswnamïau, tanau gwyllt, tirlithriadau, digwyddiadau tywydd eithafol, llifogydd, cwympfeydd eira a pheryglon mawr.

Agweddau thematig - cofnod daearegol o ddigwyddiadau trychinebus fel dangosydd o'r tebygrwydd y byddant yn digwydd yn y dyfodol;

monitro peryglon, newid byd-eang a pheryglon naturiol; byw gyda pheryglon naturiol.

Ymhlith y testunau y mae:

Cyflwyniad i beryglon a thrychinebau

Peryglon folcanig

Tanau gwyllt

Peryglon seismig

Peryglon sy'n gysylltiedig â goleddfau, Peryglon Mawr Peryglon Corwyntoedd

Arsylwi'r Ddaear o ran rheoli peryglon, newid a pheryglon amgylcheddol yn y dyfodol, llifogydd yn y dyfodol a pheryglon hydrolegol Tswnamïau

Risg i'r gymdeithas a chadernid

Introduction to hazards and disasters

Natural hazards - the processes and consequences of volcanic eruptions, earthquakes, tsunamis, wildfires, landslides, extreme weather events, flooding, avalanches and mega hazards

Thematic aspects - the geological record of catastrophic events as an indicator of their likely future occurrence; monitoring hazards, global change and natural hazards; living with natural hazards.

Topics include:

Introduction to natural hazards and disasters

Volcanic hazards

Wildfires

Seismic hazards

Slope-related hazards

Megahazards

Hurricane hazards

Future environmental change & hazards

Flood hazards & hydrological hazards

Tsunamis

Risk society and resilience

Intended Learning Outcomes: Erbyn diwedd y modiwl hwn, dylai cyfranogwyr allu:

- diffinio peryglon naturiol, trychinebau, colledion a risg;
- esbonio sut y gall prosesau naturiol effeithio'n andwyol ar bobl, eu heiddo a'r amgylchedd;
- esbonio'r prosesau ffisegol sy'n achosi ffrwydradau llosgfynyddoedd, daeargrynfeydd, tswnamiau, tanau gwyllt, tirlithriadau, y tywydd, llifogydd, cwmpfeydd eira a pheryglon mawr.
- asesu'r dystiolaeth ar gyfer, a risg sy'n deillio o, ddigwyddiadau amllder isel ond o bwysigrwydd mawr
- disgrifiad o ddosraniad digwyddiadau naturiol catastroffig mewn gofod ac amser;
- dangos sut mae effeithiau digwyddiadau peryglus yn dibynnu ar gamau gweithredu'r gymdeithas cyn ac yn ystod digwyddiadau ac esbonio rolau camau lliniaru, monitro, rhagweld a rhybuddio wrth leihau'r risg o beryglon naturiol;

By the end of this module you should be able to:

- define natural hazards, disasters, losses and risk;
- explain how natural processes can adversely affect people, their property and the environment;
- explain the physical processes that cause volcanic eruptions, earthquakes, slope failures, tsunamis, avalanches, weather, flooding, megahazards and wildfires;
- assess the evidence for and risk from high-magnitude-low-frequency events;
- describe the distribution in space and time of catastrophic natural events;
- show how the effects of hazardous events depend on actions taken by society before and during the events and explain the roles of mitigation, monitoring, forecasting and warning in reducing the risk from natural hazards;

Assessment: Examination 1 (50%)
Coursework 1 (10%)
Coursework 2 (10%)
Coursework 3 (30%)

Resit Assessment: Examination (Resit instrument) (100%)

Assessment Description: Gwaith Cwrs 1 – Gwaith Ymarferol Archifau (10%)

Gwaith Cwrs 2 – Map peryglon folcanig (10%)

Gwaith Cwrs 3 – Adroddiad sy'n seiliedig ar efelychiadau trychinebau (30%)

Arholiad – Arholiad Aml-ddewis (50%)

Coursework 1 - Archive practical (10%)

Coursework 2 - Volcanic hazard map (10%)

Coursework 3 - Report based on disaster simulations (30%)

Exam - Multiple Choice Exam (50%)

Moderation approach to main assessment: Second marking as sampling or moderation

Assessment Feedback: Darperir adborth grwp ar gyfer adroddiadau,r diwrnod trychineb gan ddefnyddio ffurflenni adborth safonol yr adran.

Bydd sylwadau unigol ar gyfer atebion arholiad; Bydd myfyrwyr yn gallu gweld y rhain mewn cyfarfodydd tiwtorial adrannol. Rhoddir adborth cyffredinol ar atebion arholiad drwy Blackboard.

Darpariaeth asesu ar gyfer myfyrwyr ag anabledau

Gwneir darpariaeth ar gyfer myfyrwyr ag anabledau yn unol â chynghor gan y Swyddfa Anabledau. Rhowch fanylion am sut y byddai myfyrwyr yn gwneud yn iawn am fethiant yn y modiwl

Group feedback is provided for the disaster day reports using standard departmental feedback forms.

Individual comments are written on examination answers; students will be able to view these in departmental tutorial meetings. General feedback on examination answers will be provided via Blackboard.

Failure Redemption:

Arholiad ail-leoli

Resit examination

Additional Notes: Delivery of both teaching and assessment will be blended including live and self-directed activities online and on-campus.

Ar gael i fyfyrwyr gwadd a myfyrwyr cyfnewid.

Available to visiting and exchange students.

GEC135 Cynaliadwyedd a'r Argyfwng Hinsawdd

Credits: 20 Session: 2022/23 September-January

Pre-requisite Modules:

Co-requisite Modules:

Lecturer(s): Dr RH Meara, Dr KR Evans

Format: 36 o oriau cyswllt (32 awr o ddarlithoedd; 4 awr o weithdai)

36 contact hours (32 hours of lectures; 4 hours of workshops)

Contact Hours will be delivered through a blend of live activities online and on-campus, and may include, for example, lectures, seminars, practical sessions and Academic Mentoring sessions.

Delivery Method: All Programmes will employ a blended approach to delivery using the Canvas Digital Learning Platform for live and self-directed online activity, with live and self-directed on-campus activities each week. Students may also have the opportunity to engage with online versions of sessions delivered on-campus

Ar y Campws

On Campus

Module Aims: Bydd y modiwl hwn yn gyflwyniad i newid amgylcheddol byd-eang a bydd yn ystyried agweddau ar gynaliadwyedd fel pwnc sy'n effeithio ar fywydau bob dydd. Mae her cynaliadwyedd yn sylweddol a bydd y darlithoedd yn eich darparu â'r wybodaeth a fydd ei hangen arnoch i ymwneud â Nodau Datblygu Cynaliadwy'r

This module is an introduction to global environmental change and explores aspects of the issue of sustainability as it affects everyday lives. The challenge of sustainability is significant and the lectures will provide you with the information needed to engage with the UN's Sustainable Development Goals.

Module Content: Wythnos

1-3 Cyflwyniad: Rhyngweithio dynol-ddaearyl

- Newid mewn poblogaethau ac effaith amgylcheddol

- Gwareiddiadau a'r hinsawdd

- System hinsoddol

- Newid yn yr hinsawdd

- Gwleidyddiaeth newid yn yr hinsawdd

- Her cynaliadwyedd

- Dirywiad amgylcheddol

- Y Nodau Datblygu Cynaliadwy

4-7 Defnydd tir a dirywiad

7-9 Materion trefol

9-11 Effeithiau newid yn yr hinsawdd

11 Casgliad: Tuag at brifysgol gynaliadwy?

Week

1-3 Introduction: human-earth interaction

- Population change and environmental impact

- Civilizations and climate

- Climate System

- Climate change

- Politics of climate change

- The challenge of sustainability

- Environmental degradation

- The Sustainable Development Goals

4-7 Land use and degradation

7-9 Urban issues

9-11 Climate change impacts

11 Conclusion: towards the sustainable university?

Intended Learning Outcomes: Erbyn diwedd y modiwl hwn, dylai cyfranogwyr allu:

1. Deall cysyniadau allweddol newid amgylcheddol byd-eang.
2. Dadansoddi pwysigrwydd perthynol ffactorau dynol a ffisegol wrth achosi newid amgylcheddol.
3. Deall bod agweddau diwylliannol, economaidd, cymdeithasol, gwleidyddol a ffisegol ar 'cynaliadwyedd'.
4. Gwerthuso agweddau ar 'cynaliadwyedd' o fewn ystod o gyd-destunau daearyddol.
5. Disgrifio dulliau diweddar i fonitro a modelu newid amgylcheddol byd-eang.
6. Adolygu'n feirniadol dystiolaeth canlyniadau newid amgylcheddol byd-eang a'r her sy'n wynebu datblygiad cynaliadwy.

By the end of this module you should be able to:

1. Understand key concepts of global environmental change.
2. Analyse the relative importance of human and physical factors in causing environmental change.
3. Recognise that 'sustainability' has cultural, economic, social, political and physical dimensions.
4. Evaluate aspects of 'sustainability' within a range of geographical contexts.
5. Describe recent methods to monitor and model global environmental change.
6. Critically review the evidence of the consequences of global environmental change and the challenge facing sustainable development.

Assessment: Coursework 1 (20%)
Examination 1 (40%)
Coursework 2 (40%)

Assessment Description: Arholiad Cwestiynau Aml-ddewis (Ionawr);

C1 1 x blog 500 gair

C2 2 x blog 500 gair (cyfanswm 1,000 o eiriau)

Bydd hwn yn asesiad ffurfiannol fel rhan o'r cwrs hwn.

Moderation approach to main assessment: Partial second marking

Assessment Feedback: Bydd myfyrwyr yn derbyn adborth electronig ar yr adroddiad unigol. Bydd myfyrwyr yn derbyn adborth arholiad yn dilyn yr arholiadau

Students will receive electronic feedback on the individual report.

Students will receive examination feedback after exams.

Failure Redemption: Ailsefyll arholiad neu ailgyflwyno gwaith cwrs

Resit examination or resubmit coursework

Additional Notes: Delivery of both teaching and assessment will be blended including live and self-directed activities online and on-campus.

Ddim ar gael i fyfyrwyr ymweld neu fyfyrwyr cyfnewid. Nid oes rhagofynion na chydofynion ar gyfer y modiwl hwn.

Normally available to elective visiting or exchange students. There are no pre- or co-requisites for this module.

GEC140 Prosiect a Dulliau Ymchwil

Credits: 20 Session: 2022/23 January-June

Pre-requisite Modules:

Co-requisite Modules:

Lecturer(s): Dr RH Meara

Format: 26 awr ar gyfer penwythnos preswyl ac 11 awr ar gyfer prosiect GIS

Delivery Method: Darlithoedd, Sesiynau Ymarferol (ar y campws) a penwythnos preswyl o waith maes ym Mangor/Abertawe a'i ranbarth/Aberystwyth (lleoliad yn newid yn flynyddol).

Module Aims: Mae'r modiwl hwn yn cynnwys hyfforddiant gwaith maes a sgiliau GIS i ddaeyryddwyr dynol a ffisegol.

Rhan 1: Mae'r rhan yma yn cyflwyno egwyddorion a thechnegau allweddol a ddefnyddir mewn gwaith maes yn nisgyblaethau Daearyddiaeth, astudiaethau amgylcheddol ac astudiaethau defnyddio tir. Mae'n cynnig profiad o ddefnyddio amryw o ddulliau a thechnegau gwaith maes er mwyn casglu a dadansoddi gwybodaeth mewn perthynas â Daearyddiaeth, yr amgylchedd a defnyddio tir. Dysgir y modiwl ar y cyd â staff o Brifysgol Bangor a Phrifysgol Aberystwyth a dysgir y myfyrwyr o'r sefydliadau yma hefyd ar y modiwl. Dysgir rhan yma'r modiwl yn ystod penwythnos preswyl.

Rhan 2: Prosiect GIS. Bydd yr elfen hon o'r modiwl yn rhoi cyflwyniad i fyfyrwyr i sgiliau allweddol Mapio, Data Gofodol a GIS. Byddant yn ymchwilio i sut mae mapiau a dadansoddiad gofodol yn gallu ein helpu i ddeall a monitro ein byd. Bydd myfyrwyr yn ystyried y defnydd o fapio i ddadansoddi'r amgylchedd a rhannu'r canlyniadau yn y cyfryngau. Byddant yn archwilio i feddalwedd GIS Explore (arc Map, QGIS) a chymryd y camau cyntaf wrth arddangos data gofodol. Bydd myfyrwyr hefyd yn dysgu sut i gyfeirio lleoliad gofodol nodweddion amgylcheddol ar arwyneb y Ddaear, deall sut mae systemau cyfeirio'n berthnasol i leoliadau daearyddol ar fap gwastad a dysgu sut i weithio gyda data o amrywiaeth o systemau cyfeirio gofodol.

Module Content: Rhan 1: Penwythnos preswyl:

1. Cyflwyno a datblygu egwyddorion ac arferion technegau allweddol gwaith maes yn nisgyblaethau daearyddiaeth, astudiaethau amgylcheddol ac astudiaethau defnyddio tir;
2. Cynnig profiad o ddefnyddio amryw ddulliau a thechnegau gwaith maes er mwyn casglu gwybodaeth mewn perthynas â daearyddiaeth, yr amgylchedd a defnyddio tir;
3. Rhoi hyfforddiant wrth roi cyflwyniadau ar lafur ac ar bapur;
4. Rhoi hwb i allu myfyrwyr i ddehongli data maes;
5. Cynnig profiad a hyfforddiant wrth roi cyflwyniadau ar lafur ac ar bapur.

Trafodir cyfuniad o'r themau canlynol yn ystod y modiwl:

Gwerthuso biomas coetiroedd; Daearyddiaeth eithrio yn Aberystwyth; gwerthuso defnydd tir yng ngogledd-orllewin Cymru: ffactorau ffisegol a dynol; cymunedau gweldig Cymru: parhad a newid; newidiadau amgylcheddol yn Ne Cymru.

Rhan 2: Prosiect GIS.

Mapio, Data Gofodol a GIS

Data gofodol a Systemau Gwybodaeth Ddaearyddol

Ymchwilio i sut gall mapiau a dadansoddiad gofodol ein helpu i ddeall a monitro ein byd. Ystyried y defnydd o fapiau i ddadansoddi'r amgylchedd a rhannu'r canlyniadau yn y cyfryngau. Ymchwilio i feddalwedd GIS (arc Map, QGIS) a chymryd y camau cyntaf i arddangos data gofodol. Dysgu ac ymarfer gweithio gyda fformatiau gwahanol o ddata (fector a rhastr).

Dysgu sut i greu mapiau a chynnwys elfennau allweddol ar fap (bar graddfa, allwedd, graticwl). Galluogi darllenwyr i ddehongli eich map a deall eich canlyniadau.

Mae astudiaethau achos yn cynnwys rhestr Fforest a mapio defnydd tir a phoblogaeth a dosraniad dinasoedd byd-eang

Intended Learning Outcomes: Wrth gwblhau'r modiwl hwn dylai myfyrwyr fedru:

1. Trafod addasrwydd yr amryw ddulliau a thechnegau sy'n allweddol i waith maes Daearyddiaeth, yr amgylchedd a defnyddio tir;
2. Defnyddio technegau penodol er mwyn casglu gwybodaeth yn y maes;
3. Dadansoddi a chyflwyno canlyniadau gwaith maes;
4. Deall, dehongli a gwerthuso data maes;
5. Gywiro, defnyddio, dadansoddi a chyflwyno data daearyddol;
6. Dangos sgiliau allweddol wrth Fapio, Data Gofodol a GIS;
7. Trafod sut gall mapiau a dadansoddiad gofodol ein helpu i ddeall a monitro ein byd.

Assessment: Coursework 1 (5%)
Coursework 2 (23%)
Coursework 3 (23%)
Coursework 4 (50%)

Assessment Description: C1 - Cyflwyniad grp, 5%

C2 – Adroddiad, 22.5%

C3 – Poster academaidd 22.5%

C4 – adroddiad GIS – 50%

Ymgymerir â C1 yn ystod y cwrs maes preswyl. Mae C2 fel arfer yn 1,500 o eiriau. Mae C4 yn adlewyrchu GEG140.

Moderation approach to main assessment: Second marking as sampling or moderation

Assessment Feedback: Bydd myfyrwyr yn derbyn adborth electronig ar eu gwaith cwrs ac adborth ysgrifenedig ar y cyflwyniad grwp, ac ar lafar gan eu tiwtor ar eu perfformiad.

Failure Redemption: Ailsefyll yr holl elfennau

Additional Notes: Delivery of both teaching and assessment will be blended including live and self-directed activities online and on-campus.

Dysgir y modiwl yma drwy gyfrwng y Gymraeg. Not normally available to visiting or exchange students. Competence in written and spoken Welsh is essential for this module

GEG100 Geographical skills	
Credits: 20 Session: 2022/23 September-January	
Pre-requisite Modules:	
Co-requisite Modules:	
Lecturer(s): Dr H Hallang, Dr KJ Ficken, Dr KG Rees, Dr I Robertson	
Format:	Lectures = 11 hours Practicals = 26 hours (Help sessions: 18 hours) Contact Hours will be delivered through a blend of live activities online and on-campus, and may include, for example, lectures, seminars, practical sessions and Academic Mentoring sessions.
Delivery Method: All Programmes will employ a blended approach to delivery using the Canvas Digital Learning Platform for live and self-directed online activity, with live and self-directed on-campus activities each week. Students may also have the opportunity to engage with online versions of sessions delivered on-campus. Lectures, computer practicals and tutorials are delivered on the Singleton Campus. There will be field trips to the surrounding area	
Module Aims: The aim of this module is to introduce the participants to essential geographical skills. These invaluable skills will become enhanced throughout their degree at Swansea University. Participants should be able to apply these techniques in a wide variety of environments and contexts. Skills covered include essay writing, data analysis and map making	
Module Content: This module introduces some of the essential skills required by geographers. The lecture component (11 hours) focuses upon the analysis of geographical evidence including basic quantitative techniques. Practical (33 hours) are structured to enable students to learn these techniques. The module is directed towards all geography students to allow them to appreciate basic navigational, scientific and mathematical skills. Presentation of geographical information will also be covered in conjunction with tutorials.	
Intended Learning Outcomes: A broad understanding of essential geographical skills Confidence in constructing arguments based on evidence Confidence to apply quantitative statistical tests to a wide range of data An in-depth understanding of the issues underlying geographical problems The ability to independently develop yet appreciate the importance of teamwork	
Assessment:	Coursework 1 (10%) Coursework 2 (10%) Coursework 3 (40%) Coursework 4 (40%)
Assessment Description: Coursework 1: Field site leaflet (group assignment) Coursework 2: Digimap project Coursework 3: Online tests taken throughout the term Coursework 4: Tutorial group essay	
Moderation approach to main assessment: Second marking as sampling or moderation	
Assessment Feedback: Students will receive feedback on continuous assessment via Canvas.	
Failure Redemption: Resit examination in the May/June exam period.	
Additional Notes: Delivery of both teaching and assessment will be blended including live and self-directed activities online and on-campus.	
Not available to visiting or exchange students.	

GEG130 Globalisation
Credits: 20 Session: 2022/23 January-June
Pre-requisite Modules:
Co-requisite Modules:
Lecturer(s): Dr KG Rees, Mr F Bernhardt, Prof MA Doel
Format: 30 hours lectures 3 hours group seminars
Delivery Method: Lectures (30 hours) and group seminars (3 hours)
Module Aims: This module explores the fundamental geographical concept of globalisation, introduces students to theories seeking to explain the processes of globalisation, and examines the implications of globalisation for the geography of the global economy, health, and human and non-human mobility and migration.
Module Content: Globalisation and the global economy (10 hours) <ul style="list-style-type: none"> - Globalisation and Capitalism - The emergence of a New Global Division of Labour - Governance of the global economy: transnational corporations, - Governance of the global economy: supra-national institutions - Governance of the global economy: the nation state - The re-emergence of China as a global economic super-power - Globalised production systems: the clothing industry - Globalised production systems: the automobile industry <p>Globalisation, health and well-being (10 hours)</p> <ul style="list-style-type: none"> - Globalisation and health - Spatial distributions of (ill)health - Mobility and Covid-19: a global perspective - Organisation of attendance to (ill)health and care - Impact of globalisation on health - Exploring health futures: Global well-being? <p>Global mobility (10 hours)</p> <ul style="list-style-type: none"> - Critique of the dominant account of globalisation - The character of the original world island - The collision of many worlds - The ongoing fabrication of a self-enclosed globe - Technologies of tele-vision and tele-communication - Dispersal - Concentration <p>There will be three x one-hour small(er) group seminars during the semester (one for each section).</p>
Intended Learning Outcomes: By the end of this unit, students should be able to: <ol style="list-style-type: none"> 1. Define the concept of globalisation and identify its role in shaping the geography of contemporary Capitalism 2. Assess the role of transnational corporations, supra-national institutions, and nation-states in globalisation processes. 3. Illustrate the implications of globalisation for the geography of production in specific industries. 4. Demonstrate an understanding of the relationships between globalisation, health and disease. 5. Define the concepts of 'world' and 'globe,' and appreciate the ongoing transformation of many worlds into a self-enclosed globe. 6. Assess the role of technologies of tele-vision and tele-communication in the pursuit of globalisation. 7. Illustrate the implications of globalisation for human mobility and migration.
Assessment: Assignment 1 (20%) Assignment 2 (20%) Assignment 3 (20%) Exam - open book (40%)
Resit Assessment: Examination (Resit instrument) (100%)
Assessment Description: 3 x Online Multiple Choice tests 1 essay as an closed-book and in-person exam.
Moderation approach to main assessment: Second marking as sampling or moderation

Assessment Feedback: Continual assessment tests are delivered using the Canvas VLE and feedback is provided automatically by this system.

Feedback on the coursework is provided through comments on the electronic submission and a feedback rubric.

Failure Redemption: Resit examination as redemption instrument.

Additional Notes: Delivery of both teaching and assessment will be blended including live and self-directed activities online and on-campus.

This module is available to home and visiting students.

GEG131 Cities	
Credits: 20 Session: 2022/23 September-January	
Pre-requisite Modules:	
Co-requisite Modules:	
Lecturer(s): Dr CM Muellerleile, Dr AL Pigott, Dr RG Smith	
Format:	Lectures (31 hours) and group seminars/workshops (2 hours) Contact Hours will be delivered through a blend of live activities online and on-campus, and may include, for example, lectures, seminars, practical sessions and Academic Mentoring sessions.
Delivery Method: There may be some content delivered only through virtual means, via Canvas, but this module is mainly taught by in person lecture.	
Module Aims: There has never been a more exciting time to study cities. Since antiquity cities have been the site of disproportionate amounts of human production and consumption of all kinds, and within the last generation, they have become the places where most people on Earth live. They are also the places of the most pressing social struggles of our time. Cities afford boundless opportunities, but are also the sites of the most stark inequality on the planet. Partly as a result, cities are sites of social, political, and economic struggle, innovation, creativity and deprivation. For at least the last two hundred years, cities, modernity, globalisation, colonisation, and capitalism have been highly dependent upon each other, and as a result, making sense of cities cannot be separated from questions of cultural transformation, global capital, political upheaval, and technological change. This module will introduce you to these and related issues.	
Module Content: Section 1: Political Economy and Cities	
<p>The first lecturer will provide a broad overview of the history of cities, and then introduce some of the most contemporary issues related to urbanisation. Many of the questions covered in this section will consider the political economy of cities, or put differently, the ways that cities and capitalism rely upon and contradict each other. The lectures concentrate on Western European and U.S. cities, and will consider the relationship between urbanisation and neoliberalism, financialization, austerity, and most recently, digitalism.</p> <p>Section 2: Global Cities (Weeks 23-26)</p> <p>The second lecturer will consider the rise and development of Global cities. Everybody talks about them but few people understand what they are, why they are special, what makes them global, where they came from, and how they differ from cities that have been with us for millennia. Richard introduces you to the foundational concepts and latest thinking, scholarship and reporting on global cities; about how globalization is transforming some cities – economically, physically, politically, socially, culturally – more than others into something new, something global.</p> <p>Section 3: Colonialism, Postcolonialism and Difference in the City (Weeks 26-28)</p> <p>The third lecturer will consider histories of race and difference in the city. This section of the course begins with how cities were designed according to ideologies around race during the Age of Empire, and then explores how this shifted during the era of decolonisation. However, by taking a postcolonial perspective, this part of the course also emphasises the continuities of colonial and imperial logics in the built environment today, and how capitalism continues to promote various forms of segregation and difference in the city. The course then moves on to explore how else we might view the city - particularly through the lens of blackness - and discusses contemporary narratives around segregation and 'parallel lives'. It ends with a more hopeful discussion of interethnic encounter and mixing, and opens up questions of who has the right to the city via a discussion of urban citizenship.</p>	
Intended Learning Outcomes: By the end of this module students should be able to:	
<ul style="list-style-type: none"> - Compare different approaches to understanding cities from across the field of urban studies - Explain the relationship between cities and capitalism, and economic production and consumption - Understand how the rise of global cities is linked to other global issues and pathologies. - Explain the evolution of the urban imagination in the nineteenth and twentieth centuries. - Understand the urban experience and the structures shaping it through the use of urban theory 	
Assessment:	<p>Online Multiple Choice Questions (40%)</p> <p>Online Multiple Choice Questions (30%)</p> <p>Online Multiple Choice Questions (30%)</p>

Assessment Description: Quiz 1: 40% (~35 MCQs), Quiz 2: 30% (~25 MCQs) Quiz 3: 30% (~25 MCQs).
Moderation approach to main assessment: Partial second marking
Assessment Feedback: Feedback on project report/essay provided using Grademark via the Canvas system. Feedback on examination performance in a meeting with their academic mentor.
Failure Redemption: Submit any missing coursework. Resit examination.
Additional Notes: This module is mainly taught by in person lectures. There will also be several in person seminars, or interactive sessions, during the term. Normally available to elective visiting or exchange students.

GEG133 Natural Hazards and Society

Credits: 20 Session: 2022/23 January-June

Pre-requisite Modules:

Co-requisite Modules:

Lecturer(s): Dr RH Meara, Prof SM Davies, Prof MA Doel, Prof SH Doerr, Dr NJ Felstead, Dr J Hiemstra, Dr KJ Preece

Format: Online lecture content
10 x 2 hour synchronous sessions
20 hours enquiry-based field course
5 x 1 hour long disaster scenarios

Contact Hours will be delivered through a blend of live activities online and on-campus, and may include, for example, lectures, seminars, practical sessions and Academic Mentoring sessions.

Delivery Method: All Programmes will employ a live and self-directed on-campus activities each week. Students may also have the opportunity to engage with online versions of sessions delivered on-campus

On Campus

Module Aims: This module investigates hazardous aspects of Earth's natural environment and how society relates to them. Introductory principles include the definition of natural hazard, disaster, risk and loss, and approaches to reducing risk and managing disasters. Major types of natural hazard are studied in order to understand how they operate, where, and how frequently they are likely to occur. Hazardous consequences are explored, as well as how society can respond to hazardous events. Key aspects include discussion of primary and secondary hazards, prediction, forecasting and monitoring of hazards, and understanding how their harmful effects can be minimised.

Natural hazards considered during this module include volcanic eruptions, earthquakes, tsunamis, wildfires, landslides, extreme weather events, flooding, avalanches and Mega Hazards. Lecture material considers general principles as well as case studies. The module is compulsory for students taking BSc Environmental Geoscience.

Module Content: Introduction to hazards and disasters

Natural hazards - the processes and consequences of volcanic eruptions, earthquakes, tsunamis, wildfires, landslides, extreme weather events, flooding, avalanches and mega hazards

Thematic aspects - the geological record of catastrophic events as an indicator of their likely future occurrence; monitoring hazards, global change and natural hazards; living with natural hazards.

Topics include:

Introduction to natural hazards and disasters

Volcanic hazards

Wildfires

Seismic hazards

Slope-related hazards

Megahazards

Hurricane hazards

Future environmental change & hazards

Flood hazards & hydrological hazards

Tsunamis

Risk society and resilience

Intended Learning Outcomes: By the end of this module you should be able to:

- define natural hazards, disasters, losses and risk;
- explain how natural processes can adversely affect people, their property and the environment;
- explain the physical processes that cause volcanic eruptions, earthquakes, slope failures, tsunamis, avalanches, weather, flooding, megahazards and wildfires;
- assess the evidence for and risk from high-magnitude-low-frequency events;
- describe the distribution in space and time of catastrophic natural events;
- show how the effects of hazardous events depend on actions taken by society before and during the events and explain the roles of mitigation, monitoring, forecasting and warning in reducing the risk from natural hazards;

Assessment: Examination 1 (50%) Coursework 1 (10%) Coursework 2 (10%) Coursework 3 (30%)
Resit Assessment: Examination (Resit instrument) (100%)
Assessment Description: Coursework 1 - Archive practical (10%) Coursework 2 - Volcanic hazard map (10%) Coursework 3 - Report based on disaster simulations (30%) Exam - Multiple Choice Exam (50%)
Moderation approach to main assessment: Second marking as sampling or moderation
Assessment Feedback: Individual marks and feedback will be given for the archives exercise, hazard map exercise and write up of disaster scenario. Individual marks for examination answers.
Failure Redemption: Resit examination
Additional Notes: This module is compulsory for students enrolled for the BSc Environmental Geoscience degree scheme. This module is not available to visiting or exchange students.

GEG135 Sustainability and the Climate Emergency

Credits: 20 Session: 2022/23 September-January

Pre-requisite Modules:

Co-requisite Modules:

Lecturer(s): Dr KH Halfacree, Dr KJ Ficken, Prof PRJ North

Format: 36 contact hours (32 hours of lectures; 4 hours of workshops)
Contact Hours will be delivered through a blend of live activities online and on-campus, and may include, for example, lectures, seminars, practical sessions and Academic Mentoring sessions.

Delivery Method: All Programmes will employ a blended approach to delivery using the Canvas Digital Learning Platform for live and self-directed online activity, with live and self-directed on-campus activities each week. Students may also have the opportunity to engage with online versions of sessions delivered on-campus

On Campus

Module Aims: This module is an introduction to global environmental change and explores aspects of the issue of sustainability as it affects everyday lives. The challenge of sustainability is significant and the lectures will provide you with the information needed to engage with the UN's Sustainable Development Goals.

Module Content: Week

1-3 Introduction: human-earth interaction

- Population change and environmental impact
- Civilizations and climate
- Climate System
- Climate change
- Politics of climate change
- The challenge of sustainability
- Environmental degradation
- The Sustainable Development Goals

4-7 Land use and degradation

7-9 Urban issues

9-11 Climate change impacts

11 Conclusion: towards the sustainable university?

Intended Learning Outcomes: By the end of this module you should be able to:

1. Understand key concepts of global environmental change.
2. Analyse the relative importance of human and physical factors in causing environmental change.
3. Recognise that 'sustainability' has cultural, economic, social, political and physical dimensions.
4. Evaluate aspects of 'sustainability' within a range of geographical contexts.
5. Describe recent methods to monitor and model global environmental change.
6. Critically review the evidence of the consequences of global environmental change and the challenge facing sustainable development.

Assessment: Coursework 1 (20%)
Examination 1 (40%)
Coursework 2 (40%)

Assessment Description: Multiple Choice Exam (in January);

Blog 1 500 words

Blog 2 500 words

Blog 3 500 words

There will also be formative assessment on this course.

Moderation approach to main assessment: Partial second marking

Assessment Feedback: Students will receive electronic feedback on the individual report.
Students will receive examination feedback after exams.

Failure Redemption: Resit examination or resubmit coursework

Additional Notes: Delivery of both teaching and assessment will be blended including live and self-directed activities online and on-campus.

Normally available to elective visiting or exchange students. There are no pre- or co-requisites for this module.

GEG140 Project and Methods

Credits: 20 Session: 2022/23 January-June

Pre-requisite Modules:

Co-requisite Modules:

Lecturer(s): Dr RG Smith, Prof T Murray, Dr JAB Rosette

Format: 23 hrs of either a human geography or physical geography project and 12 hrs field data skills and critical evaluation for all students

Delivery Method: Lectures, Practicals (on campus) and Fieldwork (local, Gower, Swansea City Centre)

Module Aims: This module involves training in fieldwork and GIS skills for both human and physical geographers. In part 1, students can choose from a physical or human geography project option:

Part 1: Physical Geography

In the physical geography component we will look at sea-level change and its impacts on communities and ecosystems. During classroom sessions we will consider the causes of sea-level change and how it is measured. We use the technique of Stakeholder Analysis to look at the economic and social impacts of sea-level change in different regions. We will then undergo local visits to explore the potential impacts of sea level to our locality and on our coastal university. We'll look at both urban and rural environments and different mitigation policies that may be used.

Part 1: Human Geography

The human geography project focusses on Cities and Photography. Students will investigate the use of photography through three Visual Methodologies: Photo-Documentation, Photo-Elicitation, and Photo-Essays. Students will take part in a photo documentation workshop and group photography fieldwork in Swansea City Centre. They will also complete a photo essay aided by group discussion to select concept, theme, whether analytical or evocative photographs (or both), and discussion of the links between practice and visual methodologies literature.

Part 2: Field data collection and critical analysis skills.

During part 2 of this module, students will expand on the knowledge gained previously. This will combine investigations of our world in three dimensions, for which students will use photographs captured themselves to construct a 3D model. Students will learn about and apply other 3D analysis techniques to estimate environmental parameters that they will compare with their field data. They will also contribute to a citizen science initiative using a mobile app for coastal transition zones at risk from sea level change at our University campuses. Using these data collected and analysed during the semester, students will gain insight into sources of uncertainty among datasets, enabling them to critically examine the concept of ground 'truth'.

Module Content: 1) Physical Geography Project

Introduction lecture
Gower Fieldtrips
PC practical workshops

2) Human Geography Project

Lectures

Cities and Photography

Making Photographs as a part of a research project: Three Visual Methodologies: Photo-Documentation, Photo-Elicitation, and Photo-Essays

Photo Documentation Workshop 1

Photo Documentation of the Built Environment

Urban Decline, Decay, Ruins, Regeneration

Development of Swansea City Centre Shooting Script

Group Photography Fieldwork in Swansea City Centre

Photo Documentation Workshop 2

Group Discussion/Image Selection/Narrative Writing Ideas/Link to Literature

Photo Essay Workshop 1

Urban Photo Essay

Group Discussion to select concept, theme, whether analytical or evocative photographs (or both), etc. Understanding of links to literature.

3) GIS Project

Mapping, Spatial Data and GIS

Spatial data and Geographic Information Systems

Exploring how maps and spatial analysis can help us to understand and monitor our world.

Considering the use of maps to analyse the environment and share the results in the media.

Exploring GIS software (arc Map, QGIS) and taking your first steps in displaying spatial data.

Learn and practice working with different data formats (vector and raster).

Learn how to create maps and include key elements of a map (scale bar, legend, graticule). Allow viewers to interpret your map and understand your results.

Case studies include Forest inventory and land use mapping and Global cities population and distribution

Intended Learning Outcomes: By the end of this module, students will have demonstrated the ability to:

- Collect, manipulate, analyse and present geographical data;
- Demonstrate competence in fundamental techniques that are used in the field for description, measurement and inference in Quaternary studies OR visual analysis of photography in human geography;
- Show key skills in Mapping, Spatial Data and GIS
- Discuss how maps and spatial analysis can help us to understand and monitor our world.

Assessment: Coursework 1 (50%)
Coursework 2 (50%)

Assessment Description: 1 x fieldwork report or photo documentation task / photo essay
1 x GIS report

Moderation approach to main assessment: Second marking as sampling or moderation

Assessment Feedback: Students will receive written feedback on their coursework and oral feedback from their tutor about their performance.

Failure Redemption: Resit all failed elements

Additional Notes: Delivery of both teaching and assessment will be blended including live and self-directed activities online and on-campus.