

These programme regulations should be read in conjunction with the University's [core regulations for undergraduate programmes](#), and the [marking and classification conventions for undergraduate programmes](#).

BSc Geoscience (F643)

BSc Geoscience with Year Abroad (F646)

BSc Geoscience with Placement (F647)

1. This programme is available at Durham City, in a full-time mode of study.

Level 1 (Certificate)

2. Candidates shall study and be assessed in the following modules:

		Credit value
Field Studies	GEOL1051	20
Understanding Earth Sciences	GEOL1101	20
Introductory Data Science for Geoscientists #	GEOL1151	20

3. Candidates shall study and be assessed in modules to the value of 20 credits from List A:

List A:		Credit value
Mathematical Methods in Geosciences Φ	GEOL1061	20
Further Mathematics for Geoscientists	GEOL1081	20

4. Candidates shall study and be assessed in modules to the value of 40 credits from List B:

List B:		Credit value
Earth Materials	GEOL1021	20
Environment and Sustainability	GEOL1161	20
Modules up to 20 credits offered by any Boards of Studies (including appropriate credit-bearing language modules offered by the University's Centre for Foreign Language Study).		

Level 2 (Diploma)

5. Candidates shall study and be assessed in the following module:

		Credit value
Research Skills for Geoscientists	GEOL2341	20

6. Candidates shall study and be assessed in modules at least to the value of 20 credits from List C:

List C:		Credit value
Isotopes in Environmental and Climate Sciences	GEOL2171	20
Igneous and Metamorphic Processes	GEOL2231	20
Earth Systems Modelling and Analysis	GEOL2321	20

7. Candidates shall study and be assessed in modules at least to the value of 20 credits from List D:

List D:		Credit value
Sedimentary Environments	GEOL2031	20
Lithospheric Structures and Imaging	GEOL2351	20
Environmental Geophysics	GEOL2331	20

8. Candidates may choose to study and be assessed in ONE module to the value of 20 credits from List E:

List E:		Credit value
Geophysical Methods	GEOL2361	20
Fieldwork (Geological)	GEOL2191	20
Fieldwork (Environmental)	GEOL2201	20

9. Candidates may choose to study and be assessed in modules to the value of 40 credits as below:

Modules up to the value of 40 credits offered by any Boards of Studies (including up to 20 credits of appropriate language modules offered by the University's Centre for Foreign Language Study).

Level 3 (Degree)

10. Candidates shall study and be assessed in the following module:

Dissertation ~	GEOL3022	Credit value 40
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11. Candidates shall also study and be assessed in modules to the value of 80 credits from List F:

List F:		Credit value
Environmental Geochemistry	GEOL3041	20
Volcanology and Magmatism	GEOL3527	10
Earth Structure and Dynamics	GEOL3491	20
Earth Sciences into Schools	GEOL3251	20
Atmospheric Circulation and Dynamics	GEOL3387	10
Western Alps field trip (Anatomy of a subduction zone)	GEOL3367	10
Tectonic Processes and Renewable Geo-resources	GEOL3357	10
Monitoring the Oceans: Geohazards & Climate Change	GEOL3377	10
Polar Quaternary Environmental Processes	GEOL3437	10
The Geochemical Evolution of the Earth	GEOL3467	10
Volcanic Hazards and Impacts	GEOL3457	10
Environmental Management	GEOL3477	10
Earth Systems and Climate	GEOL3501	20
Geophysical Data Applications for the Workplace	GEOL3507	10

Modules up to the value of 40 credits offered by any Boards of Studies (including up to 20 credits of appropriate language modules offered by the University's Centre for Foreign Language Study).

Assessment, progression and award

- At Level 1 students are required to attend a field course that is usually held in the Easter vacation.
- Students are required to take modules marked with a Φ if they do not have A-Level Mathematics or equivalent at Grade B or above.
- Students who have A-Level Mathematics at Grade B or above are not entitled to take GEOL 1061.
- Modules marked with the # symbol must be passed at 40% or above in order to progress to the next level of study.
- At Levels 2 and 3 students are required to attend a field course if specified as part of a module.
- Candidates are reminded that they should choose Level 1 modules such that they have sufficient possible module choices in Levels 2 and 3.
- Candidates are reminded that they should choose Level 2 modules such that they have sufficient possible module choices in Level 3. This is particularly important for students who are considering selecting two Level 2 modules from other Boards of Studies, as this is likely to severely constrain the choice available within Earth Sciences at Level 3.
- Modules marked with the # symbol must be passed at 40% or above in order to progress to the next level of study.
- Modules marked with the ~ symbol must be passed at 40% or above for the award of an honours degree. A mark of 30-39% cannot be compensated.

Year Abroad

- Students admitted to the BSc Geoscience (F643) are able to apply to transfer to the BSc Geoscience with Year Abroad (F646). Students undertaking the BSc Geoscience with Year Abroad

(F646) will undertake an approved exchange in an overseas university taking a course of study chosen in consultation with the programme director and the host institution. Courses relating to Earth Sciences should normally comprise a minimum of 60% of those taken.

22. Candidates wishing to transfer to the BSc Geoscience with Year Abroad (F646) must:
- (a) have successfully completed Level 1 of the BSc Geoscience (F643) and progressed to Level 2 of the honours programme; and
 - (b) during Level 2 study, apply to the Board of Studies in the Department of Earth Sciences to be admitted to the BSc Geoscience with Year Abroad (F646) and have their application approved by the Chair of the Board of Studies in Earth Sciences; and
 - (c) secure an exchange opportunity with an approved international partner institution of the University; and
 - (d) successfully complete Level 2 of the BSc Geoscience (F643) so as to be eligible to progress to Level 3 of the BSc Geoscience (F643) programme.
23. Students who the Board of Examiners for Earth Sciences deem to have made satisfactory progress on the year abroad will continue to Level 3 of the BSc Geoscience with Year Abroad (F646). Students who have not made satisfactory progress on the year abroad will not be permitted to continue on the BSc Geoscience with Year Abroad (F646), but must instead proceed to Level 3 of the BSc Geoscience (F643) programme.

Placement

24. Students admitted to the BSc Geoscience (F643) are able to apply to transfer to the Geoscience with Placement (F647). Students undertaking the Geoscience with Placement (F647) will undertake an approved placement chosen in consultation with the programme director and the placement provider. At the conclusion of the placement, student progress will be assessed. This assessment does not contribute to the marks used to determine the award of the degree, but successful completion of the placement is required to proceed to Level 3 of the Geoscience with Placement (F647).
25. Candidates wishing to transfer to the Geoscience with Placement (F647) must:
- (a) have successfully completed Level 1 of the BSc Geoscience (F643) and progressed to Level 2 of the programme; and
 - (b) during Level 2 study, apply to the Board of Studies in the Department of Earth Sciences to be admitted to the Geoscience with Placement (F647) and have their application approved by the Chair of the Board of Studies in Earth Sciences; and
 - (c) secure a Placement Year opportunity or opportunities comprising at least 40 weeks of professional-level work experience, agreed with the Departmental Placement Year Convenor and Faculty Placement Manager; and
 - (d) successfully complete Level 2 of the BSc Geoscience (F643) so as to be eligible to progress to Level 3 of the BSc Geoscience (F643) programme.
26. Students who the Board of Examiners for Earth Sciences deem to have made satisfactory progress on the placement year will continue to Level 3 of the Geoscience with Placement (F647). Students who have not made satisfactory progress on the placement will not be permitted to continue on the Geoscience with Placement (F647) but must instead proceed to Level 3 of the BSc Geoscience (F643) programme.