

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 Geophysics with Geology (F662) Last Entry 2022/23

BSc Geophysics with Geology with Year Abroad (F663) Last Entry 2022/23

BSc Geophysics with Geology with Placement (F664) Last Entry 2022/23

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 |
|---------------------------------------|--------------------------|---------------------|
| Earth Materials | GEOL1021 | 20 |
| Field Studies | GEOL1051 | 20 |
| Further Mathematics for Geoscientists | GEOL1081 | 20 |
| Understanding Earth Sciences | GEOL1101 | 20 |
| Geoinformatics | GEOL1131 | 20 |

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

| List A: | | Credit value |
|---|--------------------------|---------------------|
| Environment and Resources | GEOL1111 | 20 |
| Sustainability | GEOL1141 | 20 |
| Modules up to the value of 20 credits offered by any Boards of Studies (including appropriate credit-bearing language modules offered by the University's Centre for Foreign Language Study). | | 20 |

Level 2 (Diploma)

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

| | | Credit value |
|---------------------------------------|--------------------------|---------------------|
| Geophysical Methods for Geoscientists | GEOL2081 | 20 |
| Fieldwork (Geophysical) | GEOL2241 | 20 |
| Geophysical Data Applications | GEOL2291 | 20 |

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

| List B: | | Credit value |
|---|--------------------------|---------------------|
| Structural Geology and Tectonics | GEOL2011 | 20 |
| Sedimentary Environments | GEOL2031 | 20 |
| Isotopes and Climate | GEOL2171 | 20 |
| Igneous and Metamorphic Processes | GEOL2231 | 20 |
| Modelling Earth Processes | GEOL2251 | 20 |
| Ancient Life and its Environment | GEOL2301 | 20 |
| Modules up to the value of 20 credits offered by any Boards of Studies (including appropriate credit-bearing language modules offered by the University's Centre for Foreign Language Study). | | 20 |

Level 3 (Degree)

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

| | | Credit value |
|--|--------------------------|---------------------|
| Dissertation | GEOL3022 | 40 |
| Monitoring the Oceans: Geohazards & Climate Change | GEOL3377 | 10 |
| Earthquake Sources and Waves | GEOL3327 | 10 |

7. Candidates shall also study and be assessed in modules to the value of 60 credits from List C:

| List C: | | Credit value |
|---|---------------------------------|---------------------|
| Environmental Geochemistry | <u>GEOL3041</u> | 20 |
| Volcanology and Magmatism | <u>GEOL3051</u> | 20 |
| Earth Sciences into Schools | <u>GEOL3251</u> | 20 |
| Environmental Management | <u>GEOL3281</u> | 20 |
| Atmospheric Circulation and Dynamics | <u>GEOL3387</u> | 10 |
| Western Alps field trip (Anatomy of a subduction zone) | <u>GEOL3367</u> | 10 |
| Tectonic Processes and Renewable Geo-resources | <u>GEOL3357</u> | 10 |
| Earth System and Climate: The Quaternary | <u>GEOL3407</u> | 10 |
| Earth System and Climate: Long-term Processes | <u>GEOL3447</u> | 10 |
| Polar Quaternary Environmental Processes | <u>GEOL3437</u> | 10 |
| Groundwater Hydrology | <u>GEOL3427</u> | 10 |
| Habitable Environments (Astrobiology) | <u>GEOL3417</u> | 10 |
| Geochemistry of the Earth | <u>GEOL3467</u> | 10 |
| Volcanic Hazards and Impacts | <u>GEOL3457</u> | 10 |
| Modules up to the value of 20 credits offered by any Boards of Studies (including appropriate credit-bearing language modules offered by the University's Centre for Foreign Language Study). | | |

Assessment, progression and award

8. At Level 1 students are required to attend a field course that is usually held in the Easter vacation.
9. At Levels 2 and 3 students are required to attend a field course if specified as part of a module.

Year Abroad

10. Students admitted to the BSc Geophysics with Geology (F662) are able to apply to transfer to the BSc Geophysics with Geology with Year Abroad (F663). Students undertaking the BSc Geophysics with Geology with Year Abroad (F663) 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.
11. Candidates wishing to transfer to the BSc Geophysics with Geology with Year Abroad (F663) must:
 - (a) have successfully completed Level 1 of the BSc Geophysics with Geology (F662) and progressed to Level 2 of the programme; and
 - (b) during the first term of Level 2 study, apply to the Board of Studies in the Department of Earth Sciences to be admitted to the BSc Geophysics with Geology with Year Abroad (F663) 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 Geophysics with Geology (F662) so as to be eligible to progress to Level 3 of the BSc Geophysics with Geology (F662) programme.
12. 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 Geophysics with Geology with Year Abroad (F663). Students who have not made satisfactory progress on the year abroad will not be permitted to continue on the BSc Geophysics with Geology with Year Abroad (F663), but must instead proceed to Level 3 of the BSc Geophysics with Geology (F662) programme.

Placement

13. Students admitted to the BSc Geophysics with Geology (F662) are able to apply to transfer to the BSc Geophysics with Geology with Placement (F664). Students undertaking the BSc Geophysics with Geology with Placement (F664) 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 BSc Geophysics with Geology with Placement (F664).
14. Candidates wishing to transfer to the BSc Geophysics with Geology with Placement (F664) must:

- (a) have successfully completed Level 1 of the BSc Geophysics with Geology (F662) and progressed to Level 2 of the programme; and
 - (b) secure a placement opportunity with an approved partner of the University; and
 - (c) during the first term of Level 2 study, apply to the Board of Studies in the Department of Earth Sciences to be admitted to the BSc Geophysics with Geology with Placement (F664) and have their application approved by the Chair of the Board of Studies in Earth Sciences; and
 - (d) successfully complete Level 2 of the BSc Geophysics with Geology (F662) so as to be eligible to progress to Level 3 of the BSc Geophysics with Geology (F662) programme.
15. 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 BSc Geophysics with Geology with Placement (F664). Students who have not made satisfactory progress on the placement will not be permitted to continue on the BSc Geophysics with Geology with Placement (F664), but must instead proceed to Level 3 of the BSc Geophysics with Geology (F662) programme.

Professional accreditation

16. This programme is accredited by the Geological Society for a period of six years with effect from March 2022.