

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 Geology (F600), BSc Geology with Year Abroad (F603)**

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:

|                              |                          | <b>Credit value</b> |
|------------------------------|--------------------------|---------------------|
| Principles of Earth Sciences | <a href="#">GEOL1091</a> | 20                  |
| Earth Materials              | <a href="#">GEOL1021</a> | 20                  |
| Understanding Earth Sciences | <a href="#">GEOL1101</a> | 20                  |
| Field Studies                | <a href="#">GEOL1051</a> | 20                  |

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

| <b>List A:</b>                                                                                                                                                                                      |                          | <b>Credit value</b> |
|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------------|---------------------|
| Mathematical Methods in Geosciences $\Phi$                                                                                                                                                          | <a href="#">GEOL1061</a> | 20                  |
| Further Mathematics for Geoscientists                                                                                                                                                               | <a href="#">GEOL1081</a> | 20                  |
| Environment and Resources $\Psi$                                                                                                                                                                    | <a href="#">GEOL1111</a> | 20                  |
| Physics for Geoscientists                                                                                                                                                                           | <a href="#">GEOL1121</a> | 20                  |
| Modules up to the value of 40 credits offered by any other 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:

|                                                    |                          | <b>Credit value</b> |
|----------------------------------------------------|--------------------------|---------------------|
| Structural Geology and Tectonics                   | <a href="#">GEOL2011</a> | 20                  |
| Sedimentary Environments                           | <a href="#">GEOL2031</a> | 20                  |
| Fieldwork (Geological)                             | <a href="#">GEOL2191</a> | 20                  |
| Igneous and Metamorphic Geochemistry and Petrology | <a href="#">GEOL2231</a> | 20                  |

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

| <b>List B:</b>                                                                                                                                                                                      |                          | <b>Credit value</b> |
|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------------|---------------------|
| Geophysical Methods for Geoscientists                                                                                                                                                               | <a href="#">GEOL2081</a> | 20                  |
| Water and Climate                                                                                                                                                                                   | <a href="#">GEOL2171</a> | 20                  |
| Modelling Earth Processes                                                                                                                                                                           | <a href="#">GEOL2251</a> | 20                  |
| The Geological Evolution of the British Isles $\Psi$                                                                                                                                                | <a href="#">GEOL2267</a> | 10                  |
| Palaeoecology $\Psi$                                                                                                                                                                                | <a href="#">GEOL2277</a> | 10                  |
| Geoinformatics $\Psi$                                                                                                                                                                               | <a href="#">GEOL2281</a> | 20                  |
| Modules up to the value of 20 credits offered by any other 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:

|              |                          | <b>Credit value</b> |
|--------------|--------------------------|---------------------|
| Dissertation | <a href="#">GEOL3022</a> | 40                  |

7. Candidates shall also study and be assessed in modules to the value of 80 credits from List C:

| <b>List C:</b>                                      |                          | <b>Credit value</b> |
|-----------------------------------------------------|--------------------------|---------------------|
| Petrology, Geochemistry and Global Tectonics $\Psi$ | <a href="#">GEOL3011</a> | 20                  |
| Petroleum Geoscience                                | <a href="#">GEOL3031</a> | 20                  |
| Environmental Geochemistry                          | <a href="#">GEOL3041</a> | 20                  |
| Volcanology and Magmatism                           | <a href="#">GEOL3051</a> | 20                  |
| Palaeobiology                                       | <a href="#">GEOL3071</a> | 20                  |
| Tectonics and Deformation Processes                 | <a href="#">GEOL3091</a> | 20                  |
| Earth Structure and Dynamics                        | <a href="#">GEOL3151</a> | 20                  |
| Advanced Geophysics                                 | <a href="#">GEOL3221</a> | 20                  |
| Earth System and Climate $\Psi$                     | <a href="#">GEOL3231</a> | 20                  |
| Earth Sciences into Schools                         | <a href="#">GEOL3251</a> | 20                  |
| Environmental Management                            | <a href="#">GEOL3281</a> | 20                  |
| Hydrogeology and Geomechanics                       | <a href="#">GEOL3291</a> | 20                  |

### **Assessment, progression and award**

- At Level 1 students are required to attend a residential field course that is usually held in the Easter vacation.
- At Levels 2 and 3 students are required to attend a field course if specified as part of a module.
- Students are required to take modules marked with a  $\Phi$  if they do not have AS-Level Mathematics or equivalent at Grade B or above.
- All modules marked with a  $\Psi$  must be taken by students who wish to study for a degree accredited by the Geological Society.
- Students who have AS-Level Mathematics at Grade B or above are not entitled to take GEOL1061.

## **Year Abroad**

- Students admitted to the BSc Geology (F600) are able to apply to transfer to the BSc Geology with Year Abroad (F603). Students undertaking the BSc Geology with Year Abroad (F603) 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.
- Candidates wishing to transfer to the BSc Geology with Year Abroad (F603) must:
  - have successfully completed Level 1 of the BSc Geology (F600) and progressed to Level 2 of the honours or Ordinary programme; and
  - 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 Geology with Year Abroad (F603) and have their application approved by the Chair of the Board of Studies in Earth Sciences; and
  - secure an exchange opportunity with an approved international partner institution of the University; and
  - successfully complete Level 2 of the BSc Geology (F600) so as to be eligible to progress to Level 3 of the BSc Geology (F600) programme.
- 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 Geology with Year Abroad (F603). Students who have not made satisfactory progress on the year abroad will not be permitted to continue on the BSc Geology with Year Abroad (F603), but must instead proceed to Level 3 of the BSc Geology (F600) programme.

### **Professional accreditation**

- This programme is accredited by the Geological Society for a period of six years with effect from March 2016, subject to students choosing modules to constitute an approved pathway as indicated above.