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)

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 |
|---|---|---|
| Principles of Earth Sciences Ψ | GEOL1091 | 20 |
| Earth Materials Ψ | GEOL1021 | 20 |
| Understanding Earth Sciences Ψ | GEOL1101 | 20 |
| Field Studies ~ Ψ | GEOL1051 | 20 |

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

| **List A:** | | **Credit value** |
|---|---|---|
| Environment and Resources Ψ | GEOL1111 | 20 |
| Mathematical Methods in Geosciences Ψ Φ | GEOL1061 | 20 |
| Further Mathematics for Geoscientists | GEOL1081 | 20 |
| Physics for Geoscientists | GEOL1121 | 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:

| | | Credit value |
|---|---|---|
| Fieldwork (Geological) ~ Ψ | GEOL2191 | 20 |
| Structural Geology and Tectonics Ψ | GEOL2011 | 20 |
| Sedimentary Environments Ψ | GEOL2031 | 20 |
| Igneous and Metamorphic Geochemistry and Petrology Ψ | GEOL2231 | 20 |

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

| **List B Ψ:** | | **Credit value** |
|---|---|---|
| Geophysical Methods for Geoscientists | GEOL2081 | 20 |
| Geoinformatics | GEOL2281 | 20 |

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

| **List C:** | | **Credit value** |
|---|---|---|
| Palaeoecology Ψ | GEOL2277 | 10 |
| The Geological Evolution of the British Isles Ψ | GEOL2267 | 10 |
| Water and Climate | GEOL2171 | 20 |
| Modelling Earth Processes | GEOL2251 | 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)**

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

| | | Credit value |
|---|---|---|
| Dissertation Ψ | GEOL3022 | 40 |

| | | |
|---|---|---|
| Challenges in Geodynamics I Ψ | GEOL3011 | 20 |

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

| **List D:** | | **Credit value** |
|---|---|---|
| Earth System and Climate Ψ | GEOL3231 | 20 |
| Earth Structure and Dynamics | GEOL3151 | 20 |
| Petroleum Geophysics | GEOL3221 | 20 |
| Sedimentary and Petroleum Systems | GEOL3031 | 20 |
| Magmatism | GEOL3051 | 20 |
| Palaeobiology | GEOL3071 | 20 |
| Tectonics and Deformation Processes | GEOL3091 | 20 |
| Environmental Geochemistry | GEOL3041 | 20 |
| Earth Sciences into Schools | GEOL3251 | 20 |
| Hydrogeology and Geomechanics | GEOL3291 | 20 |

**Assessment, progression and award**

9. At Level 1 students are required to attend a residential field course that is usually held in the Easter vacation.
10. At Levels 2 and 3 students are required to attend a field course if specified as part of a module.
11. Modules marked with a ~ must be passed at 40% or above in order to progress to the Ordinary degree at the next Level. A mark of 30-39% cannot be compensated.
12. Students are required to take modules marked with a Φ if they do not have AS-Level Mathematics or equivalent at Grade B or above.
13. Modules marked with a Ψ must be taken by students who wish to study for a degree accredited by the Geological Society.
14. Students who have AS-Level Mathematics at Grade B or above are not required to take GEOL1061.

**Professional accreditation**

15. This programme is accredited by the Geological Society for a period of six years with effect from March 2010, subject to students choosing modules to constitute an approved pathway as indicated above.