

BSc GEOPHYSICS WITH GEOLOGY (F662)

Programme offered at: Durham.

Mode of study: this programme is available full-time.

LEVEL 1 (Certificate)

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|-----|---|----------|----|
| 1-4 | Modules to the value of 80 credits chosen from: | | |
| | How the Earth Works Ψ | GEOL1011 | 20 |
| | Earth Materials Ψ | GEOL1021 | 20 |
| | Earth History and Life Ψ | GEOL1031 | 20 |
| | Earth and Environment | GEOL1041 | 20 |
| | Field Studies # Ψ | GEOL1051 | 20 |
| | Mathematical Methods in Geosciences Ψ Φ | GEOL1061 | 20 |
| | The Oceans | GEOL1071 | 20 |

5-6 Modules to the value of 40 credits chosen from those offered by any Board of Studies

This module must be passed at 40% or above in order to progress to the Ordinary degree at the next Level.
Φ Students are required to take this module if they do not have AS Level mathematics or equivalent at Grade C or above.

Ψ Students who wish to study for a degree accredited by the Geological Society must choose these modules.

Note:

Students are required to attend a residential field course that is usually held in the Easter vacation.

LEVEL 2 (Diploma)

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|-----|---|----------|----|
| 1 | Fieldwork II Ψ | GEOL2201 | 20 |
| 2 | Geophysical Methods in Geology Ψ | GEOL2081 | 20 |
| 3 | Earth Visualisation L2 Ψ | GEOL2221 | 20 |
| 4 | Structural Geology and Tectonics Ψ | GEOL2011 | 20 |
| 5-6 | Modules to the value of 40 credits chosen from: | | |
| | Chemical Tracing of Earth Processes | GEOL2171 | 20 |
| | Fossils and Dynamic Stratigraphy of the British Isles | GEOL2051 | 20 |
| | Petrology of Earth Materials Ψ | GEOL2031 | 20 |

Ψ Students who wish to study for a degree accredited by the Geological Society must choose these modules.

Note:

Students are required to attend a field course if specified as part of a module.

LEVEL 3 (Degree)

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|-----|---|----------|----|
| 1-2 | Dissertation Ψ | GEOL3022 | 40 |
| 3 | Petroleum Geophysics Ψ | GEOL3221 | 20 |
| 4 | Earth Structure and Dynamics Ψ | GEOL3151 | 20 |
| 5-6 | Modules to the value of 40 credits chosen from the list below | | |
| | Dynamic Earth I Ψ | GEOL3011 | 20 |
| | Earth System and Climate | GEOL3231 | 20 |
| | Sedimentary and Petroleum Systems | GEOL3031 | 20 |
| | Magmatism | GEOL3051 | 20 |
| | Evolutionary Palaeobiology | GEOL3071 | 20 |
| | Rheology and Deformation Processes | GEOL3091 | 20 |
| | Environmental Geochemistry | GEOL3041 | 20 |
| | Earth Science into Schools | GEOL3251 | 20 |

Ψ Students who wish to study for a degree accredited by the Geological Society must choose these modules.

Notes:

Students are required to attend a residential field course if specified as part of a module.

Students preparing a mapping dissertation do so for five weeks during the second long vacation.

Accreditation: this programme has been accredited by the Geological Society for a period of six years with effect from June 2004, subject to students choosing modules to constitute an approved pathway as indicated above.
