

BSc GEOPHYSICS WITH GEOLOGY (F662)

Programme offered at: Durham.

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

LEVEL 1 (Certificate)

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)

1	Fieldwork (Geophysical) Ψ	GEOL2241	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:		
	Water and Climate	GEOL2171	20
	Fossils and Dynamic Stratigraphy of the British Isles	GEOL2051	20
	Igneous and Metamorphic Geochemistry and Petrology Ψ	GEOL2231	20
	Sedimentary Environments 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)

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
	Palaeobiology	GEOL3071	20
	Rheology and Deformation Processes	GEOL3091	20
	Environmental Geochemistry	GEOL3041	20
	Earth Science into Schools	GEOL3251	20
	Modelling Earth Processes	GEOL3261	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.

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.