

**BSc GEOPHYSICS WITH GEOLOGY (F662)**

Programme offered at: Durham.

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

**LEVEL 1 (Certificate)**

1	How the Earth Works Ψ	<a href="#">GEOL1011</a>	20
2	Earth Materials Ψ	<a href="#">GEOL1021</a>	20
3	Earth History and Life Ψ	<a href="#">GEOL1031</a>	20
4	Field Studies # Ψ	<a href="#">GEOL1051</a>	20
5-6	Modules to the value of 40 credits chosen from:		
	Single Mathematics A	<a href="#">MATH1561</a>	20
	Single Mathematics B	<a href="#">MATH1571</a>	20
	Earth and Environment	<a href="#">GEOL1041</a>	20
	Mathematical Methods in Geosciences Ψ Φ	<a href="#">GEOL1061</a>	20
	The Oceans	<a href="#">GEOL1071</a>	20

One or two 20 credit modules 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.

[GEOL1061](#) is not required if students meet the conditions listed against Φ.

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	<a href="#">GEOL2241</a>	20
2	Geophysical Methods in Geology Ψ	<a href="#">GEOL2081</a>	20
3	Earth Visualisation Ψ	<a href="#">GEOL2221</a>	20
4	Structural Geology and Tectonics Ψ	<a href="#">GEOL2011</a>	20
5-6	Modules to the value of 40 credits chosen from:		
	Water and Climate	<a href="#">GEOL2171</a>	20
	Fossils and Dynamic Stratigraphy of the British Isles	<a href="#">GEOL2051</a>	20
	Igneous and Metamorphic Geochemistry and Petrology Ψ	<a href="#">GEOL2231</a>	20
	Sedimentary Environments Ψ	<a href="#">GEOL2031</a>	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	<a href="#">GEOL3022</a>	40
3	Petroleum Geophysics Ψ	<a href="#">GEOL3221</a>	20
4	Earth Structure and Dynamics Ψ	<a href="#">GEOL3151</a>	20
5-6	Modules to the value of 40 credits chosen from the list below		
	Dynamic Earth I Ψ	<a href="#">GEOL3011</a>	20
	Dynamic Earth II	<a href="#">GEOL3181</a>	20
	Earth System and Climate	<a href="#">GEOL3231</a>	20
	Sedimentary and Petroleum Systems	<a href="#">GEOL3031</a>	20
	Magmatism	<a href="#">GEOL3051</a>	20
	Palaeobiology	<a href="#">GEOL3071</a>	20
	Rheology and Deformation Processes	<a href="#">GEOL3091</a>	20
	Environmental Geochemistry	<a href="#">GEOL3041</a>	20
	Earth Science into Schools	<a href="#">GEOL3251</a>	20
	Modelling Earth Processes	<a href="#">GEOL3261</a>	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.

