

B.Sc. Geological Sciences (Exploration Geophysics Plan)

- Recommended for students wishing to proceed to B Sc Hons (Exp. Geophysics)
- The following plan gives Dual Major in Geological Sciences / Computational Sciences
- An alternative plan is available for Dual Major: Geological Sciences / Mathematics
- There is some flexibility in structure depending on student background. All students are encouraged to contact Dr Hearn before entry to YR 2 to discuss other variations.
- It is possible to enter B Sc Hons (Exp. Geophysics) with a single major (e.g. Geological Sciences - This often suits students who convert from other plans.

YEAR 1:

OPTION 1: Students without Maths C

SCIE1000 ^*
MATH1050 ^
PHYS1001
ERTH1000 ^

MATH1051
MATH1052
PHYS1002
STAT1201

OPTION 2: Students with good result in Maths C

SCIE1000 ^*
MATH1051
PHYS1001
ERTH1000 ^

CSSE1001
MATH1052
PHYS1002
STAT1201

YEAR 2:

ERTH2020 ^
MATH2000
SCIE2100 *
PHYS2055
+ EARTH2050 ^ in Mid Year Break

ERTH3021 ^
MATH2100
COSC2500 *
ERTH2004 ^

YEAR 3:

ERTH3001 ^
PHYS3071 ^ *
ERTH4120 or EARTH4220
PHYS2810 or MATH3201 or
ERTH2005 or COSC3000

ERTH3104 ^
COSC3500*
ERTH4121 or EARTH4221
MATH3102 or MATH3403 or EARTHxxxx

Additional Notes:

If you are designing a course plan from a subset of these courses you need to be aware of:

B.Sc. Requirements include:

STAT1201 is compulsory, Must include #12 (6 courses) from level 3 or 4

Geological Sciences Major:

Compulsory: MATH1050, EARTH1000, SCIE1000, EARTH2020, EARTH2004, EARTH2050, EARTH3001, EARTH3104, *Plus* 2 more Level 3 or 4 courses from list (e.g. EARTH3021, PHYS3071, EARTH4xxx)

^ above indicates courses which satisfy Geological Sciences major:

Computational Sciences Major:

Compulsory: SCIE1000, SCIE2100, COSC2500 + 2 more from list (e.g. PHYS3071, COSC3500, COSC3000)

* above indicates courses which satisfy Computational Science dual major: