



Advanced Science Core



Major



Science Elective



Free Elective



General Education Elective



**CORE SCIENCE PROGRAM (144 UOC)**

**BREADTH (48 UOC)**

SCIF1121 or  
SCIF1131  
(6UOC)

BABS1201  
Molecules,  
Cells & Genes  
(6UOC)

BIOS1101  
Evolutionary &  
Functional  
Biology  
(6UOC)

GEOS1701  
Environmental  
Systems & Processes  
(6UOC)

MATH1041  
Stats for Life &  
Social Science  
(6UOC)

GEOS1111 or  
GEOS1211  
(6UOC)

Free elective  
(6 UOC)

Free elective  
(6UOC)

Free elective  
(6 UOC)

BEES2041  
Data Analysis for  
Life & Social Science  
(6UOC)

BIOS2031  
Biology of  
Invertebrates  
(6UOC)

GEOS2721  
Australian Surface  
Environments & Landforms  
(6UOC)

MSCI2001  
Introductory  
Marine Science  
(6UOC)

MSCI3201  
Coastal Environmental  
Assessment & Monitoring  
(6UOC)

Free elective  
(6 UOC)

Free elective  
(6 UOC)

Free elective  
(6 UOC)

BIOS3091  
Marine & Aquatic  
Ecology  
(6UOC)

BIOS3681  
Ocean to Estuarine  
Ecosystems (Advanced)  
(6UOC)

GEOS3731  
Catchment & Coastal  
Geomorphology  
(6UOC)

MSCI3001  
Physical  
Oceanography  
(6UOC)

Level 3  
Science elective  
(6UOC)

General  
Education  
Elective  
(6 UOC)

General  
Education  
Elective  
(6 UOC)

48 UOC  
Honours Year

- ‘Science’ courses are defined as per Table 1;
- Science electives can be used to complete a double major;
- Recommended Electives** (these 6 UOC courses are not required but are recommended as good complementary courses for this major when choosing electives):  
BIOS2011, GEOS2181, GEOS2291, GEOS2711, GEOS2811, GEOS2821, BIOS3111, BIOS3671, GEOS3281, GEOS3761, GEOS3811, GEOS3911, GEOS3921, MICR3071

- This breadth component is not completed where students undertake a concurrent degree program. Instead students combine the core Science program with the core for the other UNSW program;
- Free electives in the single degree may be used to complete a double major.
- Students cannot take ‘Science’ or GEN# courses as their General Education electives.

**SINGLE DEGREE SCIENCE PROGRAM (192 UOC) [144 UOC core + 48 UOC breadth]**

•In the single degree program a maximum of 72 units of credit of level I courses can be taken, including any GEN#### course or mainstream level I course taken to fulfil the 12 UOC general education requirement.