

## **Bachelor of Science (3970)**

### **Physics major (math courses only):**

If a student majoring only in Physics wants to study either of MATH2521 or MATH2011 (or higher versions), then they can. If they complete both then they do not complete MATH2069, but they ought to be allowed to count MATH2069 as a Science elective if they happened to have done it first.

MATH2089 is not required if MATH2801 and MATH2301 is completed, it would satisfy the Physics math major component.

### **Mathematics major:**

All courses below must be completed, no substitutes. This applies to all degrees and stream combinations.

There may be extra courses to do (typically MATH2301 for Physics or Engineering), any service courses completed prior to the Maths/Stats core can be counted as an Elective.

(Engineering service courses are: MATH2019, MATH2089, MATH2069, MATH2099 and MATH2859).

**MATH2501/2605 Linear Algebra**

**MATH2801/2901 Theory of Statistics**

**MATH2011 Several Variable Calculus**

**MATH2521/2621 Complex Analysis**

**MATH2121/2221 Theory and Applications of Differential Equations**