

# Bachelor of Science

## Statistics & (your choice) double major

### Statistics general co-major



	Directed and Core Courses		Major 1 (your choice)		Major 2 (Statistics co-major)		Electives
<b>1000 level</b> (1 <sup>st</sup> year)	<b>Mathematics component:</b>  Accounted for in Statistics major	<b>Data analysis component:</b>  <b>10 units</b> STAT1070	<b>20 units</b>  20 units from list of 1000 level courses for chosen BSc major (30 units for Photonics major)	<b>20 units</b>  (MATH1210 & MATH1220)  or  (MATH1110 & MATH1120)	<b>30 units</b>  +(SENG1110 or INFT1004) 10 unit BSc approved course  10 unit elective		
<b>2000 level</b> (2 <sup>nd</sup> year)	<b>Scientific practice component:</b>  <b>10 units</b> SCIT2000		<b>30 units</b>  30 units from list of 2000 level courses for chosen BSc major (40 units for Chemistry major)	<b>30 units</b>  * STAT2000 * STAT2010 and MATH2310 or MATH2320	<b>10 units</b>  10 units free choice		
<b>3000 level</b> (3 <sup>rd</sup> year)			<b>40 units</b>  40 units from list of 3000 level courses for chosen BSc major	<b>40 units</b>  * STAT3030  30 units from list of 3000 level courses for BSc Statistics major			

- NOTES:**
- Students interested in a Statistics career should enroll in the Bachelor of Mathematics program. Please see <http://www.newcastle.edu.au/program/10237.html>
  - Statistics is a co-major designed to complement other majors (except Mathematics) within the BSc. Students must choose courses to qualify for another major as well as Statistics.
  - The Program Handbook is the official document listing all the rules you need to meet, plus courses required or available. Please see <http://www.newcastle.edu.au/program/10323.html>
  - This pathway is only a suggestion and courses may not all be available or practical due to timetabling or workload reasons.
  - Students should check assumed knowledge requirements for all courses, especially in Mathematics.
  - Courses labeled \* are compulsory in the major.
  - Courses labeled + are very strongly recommended. This includes all courses listed in the major sequences.
  - For further information about Your Program and Suggested Pathways, including guidelines explaining Majors, Directed, Core, Approved and Elective courses, Mathematics requirements and exemptions, plus Checklists to track your progress, please see <http://www.newcastle.edu.au/faculty/science-it/pathways/index.html>

SUGGESTED  
CAREER PATHS