Bachelor of Science
Physics major
Research Physics

	Directed and Core Courses		Major (Physics)	Other Approved Courses	Electives Suggested choices
1000 level (1st year)	**Mathematics component:** **10 units** MATH1210	**Data analysis component:** **10 units** STAT1070	**20 units** * PHYS1210 * PHYS1220	**20 units** + MATH1220 Any 10 units from BSc	**20 units** 20 units free choice
2000 level (2nd year)	**Scientific practice component:** **10 units** SCIT2000		**30 units** PHYS2260 PHYS2170 PHYS2250	**20 units** MATH2310 MATH2320 or MATH2330	**20 units** PHYS2240 PHYS2160
3000 level (3rd year)			**40 units** PHYS3330 PHYS3350 PHYS3360 PHYS3375	**20 units** PHYS3390 MATH3200 or MATH3242	**20 units** 20 units free choice

THE UNIVERSITY OF NEWCASTLE AUSTRALIA

FACULTY OF SCIENCE AND INFORMATION TECHNOLOGY

www.newcastle.edu.au

SUGGESTED PATHWAYS

NOTES:

1. 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
2. This pathway is only a suggestion and courses may not all be available or practical due to timetabling or workload reasons.
3. Students should check assumed knowledge requirements for all courses, especially in Mathematics.
4. Courses labeled * are compulsory in the major.
5. Courses labeled + are very strongly recommended. This includes all courses listed in the major sequence.
6. 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

THIS INFORMATION IS CURRENT AS AT JANUARY 2012 AND IS SUBJECT TO CHANGE.