Subject Recommendations for Tertiary Courses

- Below are highly recommended courses, in some cases compulsory courses
- Course requirements are subject to change so please check with prospectuses and careers dept.
- Sciences: universities recommend early specialisation for competitive science degrees

CAREER AREA	**RECOMMENDED** COURSES – FORM LEVEL		
	Yr 11	Yr 12	Yr 13
APPRENTICESHIPS Many, including Electrician, Building, Chef	English Maths Science		
ARMED FORCES TRADES	English Maths Science	Reasonable grades required	
ARCHITECTURE	Maths Science Art/Graphics English	Maths Art/Graphics English Art advantageous	Math/Calc English based subject Art/Graphics advantageous Portfolio
COMMERCE	Math Accounting Economics	Maths Accounting Economics	1 English based subject Maths Accounting Economics
COMMERCE/BUSINESS CERTIFICATES & DIPLOMAS	Maths	Maths	
COMPUTING/IT DEGREE **Diplomas**	Maths Maths	Maths Maths Computer Studies	Maths/Calc Physics
DENTISTRY	Maths Specific sciences	Biology Chemistry Physics Maths	Biology Chemistry Physics Maths/Stats English based subject
DESIGN	Art	Art	2 Practical Art subjects Generally portfolio required
ENGINEERING Diploma	Maths Science/Physics	Maths Physics	Maths/Calc

CAREER AREA	RECOMMENDED COURSES – FORM LEVEL		
	Yr 11	Yr 12	Yr 13
ENGINEERING DEGREE University of Auckland AUT Diploma and Degree	Maths Science Maths Science	English Maths Physics Chemistry Maths Physics	Math/Calc Physics Chemistry Maths/Calc Physics
FINE ARTS	Art	Art	2 Practical Arts History of Art Portfolio
FOOD SCIENCE/ TECHNOLOGY	English Maths Science	English Maths Biology Chemistry Physics	Maths/Stats Biology Chemistry
FORESTRY	English Maths Science	English, Chemistry, Biology, Economics, Geography, Math/Stats	
LAW	English	English	English
MEDICINE	Maths Sciences	English Maths Biology Physics Chemistry	English based subject Maths Biology Physics Chemistry
MEDICAL, LAB SCIENCE	Maths Science	English Biology Chemistry Maths Physics	English based subject Biology Chemistry Maths Physics
MEDICAL IMAGING		Physics Maths	Physics Maths
NURSING AUT UNIVERSITY OF AUCKLAND	Science or Biology Science English Maths	Biology Chemistry Bio/Chem/Physics English Maths	1 English based subject Biology Chemistry English based subject Biology, Chemistry or Physics

CAREER AREA	RECOMMENDED COURSES – FORM LEVEL		
	Yr 11	Yr 12	Yr 13
OCCUPATIONAL THERAPY	Sciences Maths	English plus 2 of Biology, Chemistry, Physics, Maths	English based subject, 2 of Biology, Chemistry, Physics, Maths
OPTOMETRY	English Maths Sciences	Maths Chemistry Biology Physics	Maths/Stats Chemistry Biology Physics
PHARMACY	Maths Science	English Biology Chemistry Physics Maths	English based subject Biology Chemistry Physics Maths/Stats
PHYSIOTHERAPY AUT OTAGO	Maths Sciences English Maths Sciences	English Sciences English Chemistry Biology Physics Maths	English based subject Sciences English based subject Chemistry Biology Physics Maths/Statistics
PHYSICAL EDUCATION	Science Maths	English Biology P.E.	English Biology P.E.
PILOT Private Training	Maths Sciences Maths	Maths Physics or Chemistry Maths	Maths/ Statistics Maths/Calculus Physics Any
POLICE	English Maths	English	Any
SURVEYING	Maths Science	Maths Physics	Maths/Statistics Maths/Calculus Physics
TEACHING	Maths Science	English	English
TECHNOLOGY DEGREE	English Maths Sciences	English Maths Chemistry Physics Biology	English Maths Chemistry Physics Biology

CAREER AREA	RECOMMENDED COURSES – FORM LEVEL		
	Yr 11	Yr 12	Yr 13
TOURISM	English Geography	English Geography	English Geography
VETERINARY SCIENCE	Maths Sciences	Chemistry Physics Biology Maths	Chemistry Physics Biology Maths Stats

For up-to-date careers and tertiary course information visit:

1. Careers service site – www.careers.govt.nz

2. For access to any university in the world – www.braintrack.com