

College of Science

Best Preparation for a BSc or BSLP (Hons)

Listed below are the major subjects for a Bachelor of Science and the Bachelor of Speech and Language Pathology (Hons), and the recommended subjects at **NCEA Level 3** that students should take to prepare for these first year university courses. All students must meet University Entrance requirements or their equivalent. All BSc majors recommend English Language skills at NCEA Level 2, except Linguistics which recommends NCEA Level 3.

Key	
*	Useful background
**	Recommended background
***	Required background

BSc Majors	Biology	Chemistry	Physics	Calculus	Statistics	Other
Astronomy		*	***	***	*	
Biochemistry	**	***	*	*	*	
Biological Sciences	**	**	*	*	**	** Chemistry, for cell biology and molecular genetics.
Chemistry	*	***	*	*	*	** Calculus for Physical Chemistry.
Computer Science				**	**	** Computer Science - digital technologies.
Economics				**	**	
Finance				**	**	
Geography						* Geography NCEA Levels 2 or 3; * any science subjects
Geology	*	*	*	**	*	* Any science subjects
Linguistics					*	* Any science subjects
Management Science				**	**	
Mathematics				**	*	
Philosophy						* Any science subjects
Physics		*	***	***	*	
Psychology	*				*	** A strong background in Maths at NCEA level 1. Laboratories are computer-based and elementary skills in computer use are required.
Statistics				**	**	

BSLP (Hons)

Bachelor of Speech and Language Pathology (Hons)	**				*	** Any other science subjects; high standard in oral and written English; computer skills; work experience; other languages are also useful - eg. Te Reo Māori.
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