



This table has been designed as a general guide to assist students with decisions about school subject choices and AUT degree qualifications. For full information about entry requirements for particular programmes, including the number of credits, refer to the most recent AUT Calendar, www.aut.ac.nz/calendar

School leavers must gain University Entrance through NCEA, CIE or IB and meet any other entry requirements to be considered for admission to specific degrees. The following table is a guide to the subjects which are either **required**, **recommended** or considered **useful** preparation for AUT degrees and their majors.

Subjects **required** for entry into degrees are marked *******. These subjects are a minimum requirement for entry.

Subjects marked ****** are **recommended**.

Subjects marked ***** are subjects that provide **useful** background knowledge, skill development and interests for programmes of study and potential career outcomes.

All subjects are drawn from the NZQA List of Approved Subjects, www.nzqa.govt.nz

It is important that students have studied at least three subjects from the NZQA List of Approved Subjects, however, these may be accompanied by other subjects at level 3, for example business studies, tourism, materials, information technology.

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KEY TO TABLE		Mathematics	Mathematics with Calculus, Statistics and Modelling
***	Required as part of entry into a programme, along with University Entrance and other criteria	Sciences	Physics, Biology, Chemistry, Science
**	Recommended	Language Rich	English, History, Geography, Classical Studies, Media Studies, History of Art
*	Useful	Languages	Te reo Māori/Rangatira and languages other than English
		Art & Design	Design, Graphics, Painting, Photography, Printmaking, Sculpture
		Business	Accounting, Economics
		Other Subjects	All other approved subjects e.g. Computing, Health Education, Physical Education, Drama, Dance, Technology, Social Studies

Bachelor of Arts	
Chinese Conflict Resolution Creative Writing Criminology English and New Media Studies Māori Development Event Management International Studies Japanese NZ Sign Language and Deaf Studies NZ Sign Language- English Interpreting Psychology Social Sciences	All subjects are useful * because most Arts majors can be started without previous study in the major subject areas - Language Rich subjects and other Languages provide good preparation.
Interpreting	*** A good standard of oral and written English . *** A high level of competence in one other Language .
Translation	*** A good standard of oral and written English . *** A high level of competence in one other Language .
Bachelor of Business	
Accounting Advertising Business Information Systems Design Economics Finance Human Resource Management and Employment Relations International Business Management Marketing Retailing Sales Tourism	All subjects are useful * because all Business majors can be started without previous study in the major subject areas - Language Rich, Business, Maths and Computing subjects provide good preparation.

Bachelor of International Hospitality Management	
Accommodation Event Management Food and Beverage Human Resources Marketing Tourism	All subjects are useful * because all International Hospitality Management majors can be started without previous study in the major subject areas. Language Rich subjects, other Languages , Mathematics and Business subjects provide good preparation.
Bachelor of Sport and Recreation	
Coaching Health and Physical Education Management Outdoor Education Physical Activity and Nutrition Sport and Exercise Science	Sport and Recreation majors do not require previous study in the major subject areas. However, the inclusion of at least one of the following subjects at level 3 is preferred ** : Physical Education , Health Education , a Mathematics or a Science subject, and English at level 2.
Bachelor of Tourism Studies	
Business Environmental Studies Hospitality Social Sciences	All subjects are useful * because Tourism majors can be started without previous study in the major subject areas. Language Rich subjects, other Languages , Social Studies and Business subjects provide good preparation.
Bachelor of Health Science	
Applied Mental Health Health Promotion Podiatry Psychology	Refer to the AUT 2011 Calendar
Bachelor of Health Science (Occupational Therapy)	Refer to the AUT 2011 Calendar
Bachelor of Health Science (Physiotherapy)	Refer to the AUT 2011 Calendar

	Language Rich	Mathematics	Sciences	Languages	Art & Design	Business	Other Subjects
Bachelor of Communication Studies							
Advertising Creativity Creative Industries Digital Media Journalism Professional Communication Public Relations Radio Television	*** 3 approved subjects at level 3 A good standard of oral and written English is important						
Bachelor of Laws							
	*** 3 language rich subjects at level 3 A good standard of oral and written English is important			*			
Bachelor of Computer and Information Sciences							
Computer Science IT Service Science Information Systems Science Software Development Networks and Security	* English	*** Statistics and Modelling and/or Calculus at level 2	* Physics				* Computing

	Language Rich	Mathematics	Sciences	Languages	Art & Design	Business	Other Subjects
Bachelor of Creative Technologies							
	* English * Media Studies * Classical Studies	*	* Physics		*		* Computing * Technology
Bachelor of Design							
Digital Design	*	*	* Physics		**		* Computing
Product Design	*	* Statistics and Modelling	* Physics		**		
Fashion Graphic Design Spatial Design Textiles for Fashion	*	* Statistics and Modelling			**		
Bachelor of Visual Arts							
	*	* Statistics and Modelling			**		
Bachelor of Education							
Early Childhood Teaching Montessori Early Childhood Teaching Pasifika Early Childhood Teaching Steiner Early Childhood Teaching	*	*		*	*		* Health Education * Physical Education * Drama * Dance

	Language Rich	Mathematics	Sciences	Languages	Art & Design	Business	Other Subjects
Bachelor of Education (cont.)							
Primary Teaching Montessori Primary Teaching Pasifika Primary Teaching Steiner Primary Teaching	*	*		*	*		* Health Education * Physical Education * Drama * Dance
Bachelor of Engineering (Honours)							
Biotronic Engineering	* English	*** Calculus at level 3	*** Physics at level 3 * Biology * Chemistry				* Computing
Electrical and Electronic Engineering Mechanical Engineering	* English	*** Calculus at level 3	*** Physics at level 3				* Computing
Bachelor of Engineering Technology							
Computer and Mobile Systems Engineering Electrical Engineering Electronic Engineering Network and Communication Engineering Mechanical Engineering	* English	*** Statistics and Modelling and/or Calculus at level 3	*** Physics at level 2				* Computing * Technology

	Language Rich	Mathematics	Sciences	Languages	Art & Design	Business	Other Subjects
Bachelor of Health Science							
Oral Health	** English at level 3		** Biology at level 3				** Physical Education at level 3
Paramedicine	** English at level 2	** at level 2 or level 3	** at level 2 or level 3				** Health Education at level 2 or level 3 ** Physical Education at level 2 or level 3
Bachelor of Health Science (Midwifery)	** at level 3		** Biology and/or Chemistry at level 3				** Health Education ** Physical Education
Bachelor of Health Science (Nursing)	** at level 3 ** English at level 2	** at level 3	** at level 3				** Health Education ** Physical Education

	Language Rich	Mathematics	Sciences	Languages	Art & Design	Business	Other Subjects
Bachelor of Medical Laboratory Science							
		*** Statistics and Modelling at level 3	*** Biology at level 3 *** Chemistry at level 3				
Bachelor of Māori Development							
Māori Development Māori Media	*			* Te reo Māori/ Rangatira			* Computing
Bachelor of Mathematical Sciences							
Analytics Applied Mathematics Computer Science	* English	*** Statistics and Modelling at level 3 *** Calculus at level 3	** Physics at level 3				** Computing at level 3
Astronomy	* English	*** Statistics and Modelling at level 3 *** Calculus at level 3	** Physics at level 3				** Computing

	Language Rich	Mathematics	Sciences	Languages	Art & Design	Business	Other Subjects
Bachelor of Science							
Applied Chemistry Applied Microbiology Aquaculture Food Science Health Protection		** Statistics and Modelling at level 3	**Biology at level 3 **Chemistry at level 3				
Environmental Studies	** Geography at level 3	** Statistics and Modelling at level 3	** Biology at level 3 ** Chemistry at level 3				
Analytics Applied Mathematics Computer Science	* English	*** Statistics and Modelling at level 3 *** Calculus at level 3	** Physics at level 3				** Computing at level 3
Astronomy	* English	*** Statistics and Modelling at level 3 *** Calculus at level 3	** Physics at level 3				* Computing

NOTES



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