Course Prerequisites

Curtin University of Technology

The following list outlines the prerequisite and recommended TEE subjects/courses for entry to Curtin courses in 2009 and 2010. Additional non-Year 12 requirements are also outlined. To satisfy the prerequisite requirements, a scaled mark of 50 or more is required, unless otherwise specified. For 2010 admission, scaled marks in courses must be at stage 3. For Mature Age applicants, where it is possible to enter a course on STAT results, the STAT requirements are shown. Note: MC = Multiple Choice test. While several courses do not accept STAT for entry, applicants are able to utilise the Written English component in order to demonstrate competence in English.

COURSE	PREREQUISITES	DESIRABLE	STAT (see above)
Actuarial Science	Applicable Mathematics (Accreditation by The Institute of Actuaries of Australia requires applicants to have a minimum TER of 92.00.)	Calculus	Not accepted
Actuarial and Applied Statistics	Applicable Mathematics	Calculus	Not accepted
Agribusiness - *Associate Degree*	None		Written English and MC Verbal or Quantitative
Agribusiness – Agricultural Technology (2009)	None		Written English and MC Verbal or Quantitative
Agribusiness – Aquaculture	None		Written English and MC Verbal or Quantitative
Agribusiness - Equine Management	None		Written English and MC Verbal or Quantitative
Agribusiness – Farm Management	None		Written English and MC Verbal or Quantitative
Agribusiness – Horticulture	None		Written English and MC Verbal or Quantitative
Agribusiness - Marketing	None		Written English and MC Verbal or Quantitative
Agribusiness Marketing/Food Science and Technology	None (2009). Physical Science (2010)	Physical Science (2009), Chemistry and Applicable Mathematics (2009, 2010)	Written English and MC Verbal or Quantitative
Applied Geology	None	TEE mathematics	Written English and MC Verbal and Quantitative
Applied Geology/Environmental Biology	One TEE mathematics and one course from the Science Learning Area[4]		Written English and MC Verbal and Quantitative
Applied Geology/Finance	None	TEE mathematics	Written English and MC Verbal and Quantitative
Applied Geology/Geophysics	Applicable Mathematics	Physics or Calculus	Written English and MC Verbal and Quantitative
Applied Statistics	Applicable Mathematics	Calculus	Not accepted
Aquatic Science – Coastal Zone Management	None	TEE mathematics and one course from the Science Learning Area[4] (2009)	Written English and MC Verbal or Quantitative
Architectural Science/Architecture	None. Non TEE students may be required to present a folio at an interview in December		Written English and MC Verbal and Quantitative
Art	Interview is required		Written English and MC Verbal or Quantitative
Astronomy	Applicable Mathematics and Physics	Calculus	Not accepted
Business Administration	None	Applicable Mathematics or Discrete Mathematics *	Written English and MC Verbal or Quantitative
Cartography	One TEE mathematics subject		Written English and MC Quantitative
Chemical Engineering	Applicable Mathematics and at least two of Calculus, Physics and Chemistry		Not accepted
Chemical Engineering/Chemistry	Applicable Mathematics and at least two of Calculus, Physics and Chemistry		Not accepted
Chemical Engineering/Extractive Metallurgy	Applicable Mathematics and at least two of Calculus, Physics and Chemistry		Not accepted
Chemistry	Chemistry and Applicable Mathematics		Not accepted
Chemistry and Applied Statistics	Chemistry and Applicable Mathematics	Calculus	Not accepted

Chemistry and Scientific Computing	Applicable Mathematics and Chemistry		Not accepted
Chemistry/Extractive Metallurgy	Chemistry and Applicable Mathematics	Physics	Not accepted
Chemistry/Secondary Education	Chemistry and Applicable Mathematics	Physics	Not accepted
Civil and Construction Engineering	Applicable Mathematics and at least two of Calculus, Physics and Chemistry		Not accepted
Civil and Construction Engineering/Mining	Applicable Mathematics and at least two of Calculus, Physics and Chemistry		Not accepted
Commerce	None	Applicable Mathematics or Discrete Mathematics	Written English and MC Verbal or Quantitative
Communication and Cultural Studies	None		Written English and MC Verbal
Communication and Cultural Studies/Commerce	None		Written English and MC Verbal
Communication and Cultural Studies/Media & Information	None		Written English and MC Verbal
Communication and Cultural Studies/Multimedia Design (2010)	None		Written English and MC Verbal
Communication and Cultural Studies/Secondary Education	None		Written English and MC Verbal
Computer Science	Discrete Mathematics	Applicable Mathematics	Not accepted
Computer Science/Business Administration	Applicable Mathematics		Not accepted
Computer Systems and Networking	Discrete Mathematics	Applicable Mathematics	Not accepted
Computer Systems Engineering	Applicable Mathematics and at least two of Calculus, Physics and Chemistry		Not accepted
Computer Systems Engineering/ Computer Science	Applicable Mathematics and at least two of Calculus, Chemistry and Physics		Not accepted
Construction Management and Economics	One TEE mathematics subject		Written English and MC Quantitative
Dental Hygiene - *Associate Degree*	None. Interview and manual dexterity test required	Human Biology or Biology	Written English and MC Verbal or Quantitative
Dental Therapy (School) - *Associate Degree*	None. Interview and manual dexterity test required	Human Biology or Biology	Written English and MC Verbal or Quantitative
Design	None. All applicants are required to undertake a portfolio/interview process. Interviews will be held in late November and early December		Written English and MC Verbal or Quantitative
Education - Early Childhood Teaching	None		Written English and MC Verbal
Education - Primary Teaching	None (2009). One TEE mathematics subject (2010).		Written English and MC Verbal and Quantitative
Education – Secondary Teaching	None (2009). Course[3] appropriate to teaching area (2010).	Applicable Mathematics and/or Calculus (2010)	Written English and MC Verbal and Quantitative
Electrical Power Engineering	Applicable Mathematics and at least two of Calculus, Physics and Chemistry		Not accepted
Electronic and Communication Engineering	Applicable Mathematics and at least two of Calculus, Physics and Chemistry		Not accepted
Electronic and Communication Engineering/Computer Science	Applicable Mathematics and at least two of Calculus, Physics and Chemistry		Not accepted
Engineering/Commerce	Applicable Mathematics and at least two of Calculus, Physics and Chemistry		Not accepted
Environmental Biology	None	One TEE mathematics and one course from the Science Learning Area[4]	Written English and MC Verbal or Quantitative
Environmental Biology/Secondary Education	None	One TEE mathematics and one course from the Science Learning Area[4]	Written English and MC Verbal or Quantitative
Environmental Biology/Social Science	None	One TEE mathematics and one course from the Science Learning Area[4]	Written English and MC Verbal or Quantitative
Environmental Engineering (Mining)	Applicable Mathematics, Physics and Calculus (2009). Applicable Mathematics. Additionally Physics	Calculus (depending upon area of specialisation)	Not accepted

	or Chemistry for Physics or Chemistry major (2010).		
Environmental Science	Applicable Mathematics (2009, 2010) and Chemistry (2010). Additionally, Physics for the Physics major.	Calculus (depending upon area of specialisation)*	Not accepted
Extractive Metallurgy *(BSc)*	Applicable Mathematics and Chemistry		Written English and MC Quantitative
Fashion and Textile Design	Interview and/or folio presentation. Interviews will be held in late November and early December		Written English and MC Verbal or Quantitative
Food Science and Technology	None.	Applicable Mathematics, Chemistry or Physical Science (2009). Applicable Mathematics and Chemistry or Physical Science (2010). Prior learning in desirable areas will be considered on an individual basis.	Written English and MC Verbal or Quantitative
Forensic and Analytical Chemistry	Chemistry and Applicable Mathematics	Physics	Not accepted
Geographic Information Science	One TEE mathematics subject [1]		Written English and MC Quantitative
Geographic Information Science/ Applied Geology	One TEE mathematics subject [1]		Written English and MC Quantitative
Geographic Information Science/ Geography	One TEE mathematics subject [1]		Written English and MC Quantitative
Geographic Information Science/ Property	One TEE mathematics subject [1]		Written English and MC Quantitative
Geophysics	Applicable Mathematics	Physics or Calculus	Written English and MC Verbal or Quantitative
Health Information Management	None	One TEE mathematics subject, one course from the Science Learning Area[4] and Human Biology	Written English and MC Verbal or Quantitative
Health Promotion	At least one course from the Science Learning Area.[4]	Human Biology and Applicable Mathematics	Written English and MC Verbal or Quantitative
Health Promotion/Health & Safety	At least one course from the Science Learning Area[4]	Human Biology and Applicable Mathematics or Discrete Mathematics	Written English and MC Verbal or Quantitative
Health Promotion/Nutrition	Chemistry	Human Biology and Applicable Mathematics (2010)	Written English and MC Verbal or Quantitative
Health, Safety and Environment	None	One course from the Science Learning Area[4] and one TEE mathematics subject	Written English and MC Verbal or Quantitative
Health Sciences	None	One TEE mathematics subject, one course from the Science Learning Area[4] and Human Biology	Written English and MC Verbal or Quantitative
Human Biology Preclinical	None	Chemistry, one TEE mathematics subject and Human Biology or Biology	Written English and MC Verbal or Quantitative
Industrial Modelling and Optimisation	Applicable Mathematics	Calculus	Not accepted
Information Technology	Discrete Mathematics	Applicable Mathematics	Not accepted
Interior Architecture	None.	Interview and portfolio presentation for non-school leavers may be required (2010)	Written English and MC Verbal or Quantitative
Jewellery Design	Interview and folio presentation, as required		Written English and MC Verbal or Quantitative
Laboratory Medicine	None	Chemistry, Applicable Mathematics and Human Biology or Biology	Written English and MC Verbal or Quantitative
Land and Water Resource Science	None	TEE mathematics	Written English and MC Verbal or Quantitative
Languages and Asian Cultures	None [2] Preference will be given to applicants with a TEE LOTE subject/LOTE course, and also applicants with other evidence of formal language studies.		Written English and MC Verbal or Quantitative
Languages and Asian Cultures/Commerce	None [2] Preference will be given to applicants with a TEE LOTE	Applicable Mathematics or Discrete Mathematics	Written English and MC Verbal or Quantitative

	subject/LOTE course, and also applicants with other evidence of formal language studies.		
Languages and Asian Cultures/Media and Information	None.[2] Preference will be given to applicants with a TEE LOTE subject/LOTE course, and also applicants with other evidence of formal language studies.		Written English and MC Verbal and Quantitative
Mass Communication	None		Written English and MC Verbal or Quantitative
Mathematical Sciences	Applicable Mathematics	Calculus	Not accepted
Mathematical Sciences/Finance	Applicable Mathematics	Calculus	Not accepted
Mathematical Sciences and Computing	Applicable Mathematics	Calculus	Not accepted
Mathematical Sciences and Finance	Applicable Mathematics	Calculus	Not accepted
Mathematical Sciences/Secondary Education	Applicable Mathematics	Calculus	Not accepted
Mechanical Engineering	Applicable Mathematics and at least two of Calculus, Physics and Chemistry		Not accepted
Mechatronic Engineering	Applicable Mathematics and at least two of Calculus, Physics and Chemistry		Not accepted
Media and Information	None		Written English and MC Verbal or Quantitative
Medical Imaging Science	Physics and Applicable Mathematics		Not accepted
Midwifery	None	Human Biology and Physical Science	Written English and MC Verbal
Mine and Engineering Surveying	One TEE mathematics subject		Written English and MC Quantitative
Mineral Exploration and Mining Geology	One TEE mathematics subject		Written English and MC Quantitative
Minerals Engineering	Applicable Mathematics, Chemistry and Calculus#		Not accepted
Minerals Engineering/Management	Applicable Mathematics, Calculus and Chemistry		Not accepted
Mining	Applicable Mathematics and Physics		Written English and MC Quantitative
Mining Engineering	Applicable Mathematics and Physics with either Calculus or Chemistry (2009). Applicable Mathematics, Calculus and Physics# (2010)		Not accepted
Mining Engineering/Finance	Applicable Mathematics, Calculus and Physics.		Not accepted
Molecular Biotechnology	None	Chemistry, Applicable Mathematics and Human Biology or Biology	Not accepted
Multidisciplinary Science	At least one course from the Science Learning Area[4] and one TEE mathematics	Applicable Mathematics, Calculus, Chemistry and Physics	Written English and MC Verbal or Quantitative
Multimedia Design	None. All applicants are required to undertake a portfolio/interview process.		Written English and MC Verbal or Quantitative
Nanotechnology	Applicable Mathematics and Chemistry or Physics	Calculus	Not accepted
Nursing (General)	None	Human Biology and Physical Science	Written English and MC Verbal
Nutrition	Chemistry	Applicable Mathematics	Written English and MC Verbal or Quantitative
Occupational Therapy	At least one course from the Science Learning Area[4]		Not accepted
Pharmacy	Chemistry and Applicable Mathematics		Not accepted
Physics	Physics and Applicable Mathematics	Calculus	Not accepted
Physics and Mathematical Sciences	Physics and Applicable Mathematics	Calculus	Not accepted
Physics and Scientific Computing	Physics and Applicable Mathematics		Not accepted
Physics/Computer Systems Engineering	Applicable Mathematics and at least two of Calculus, Physics and Chemistry		Not accepted

Physics/Electrical Power Engineering	Applicable Mathematics and at least two of Calculus, Physics and Chemistry		Not accepted
Physics/Electronic and Communication Engineering	Applicable Mathematics and at least two of Calculus, Physics and Chemistry		Not accepted
Physics/Secondary Education	Physics and Applicable Mathematics	Calculus	Not accepted
Physiotherapy	At least one course from the Science Learning Area.[4] (2009, 2010) Shortlisted applicants may be required to attend an interview (2010).	Physics*.	Not accepted
Psychology	None	One TEE mathematics subject	Written English and MC Verbal or Quantitative
Psychology/Commerce (Human Resource Management and Industrial Relations)	None	Applicable Mathematics or Discrete Mathematics	Written English and MC Verbal or Quantitative
Social Science	None		Written English and MC Verbal or Quantitative
Social Science/Commerce (2009)	None	Applicable or Discrete Mathematics	Written English and MC Verbal or Quantitative
Social Science/Media and Information	None		Written English and MC Verbal or Quantitative
Social Work	None		Written English and MC Verbal
Software Engineering (BEng)	Applicable Mathematics and at least two of Calculus, Physics and Chemistry		Not accepted
Software Engineering (BSc)	Applicable Mathematics[1]		Not accepted
Speech Pathology	At least one course from the Science Learning Area[4]	TEE mathematics	Not accepted
Surveying	One TEE mathematics subject		Written English and MC Quantitative
Surveying/Entrepreneurship	One TEE mathematics subject		Written English and MC Quantitative
Surveying/Property	One TEE mathematics subject		Written English and MC Quantitative
Sustainable Aquaculture	None (2009). At least one course from the Science Learning Area[4] and one TEE mathematics subject (2010).	At least one course from the Science Learning Area[4] and one TEE mathematics subject (2009).	Written English and MC Verbal or Quantitative
UniReady Enabling Program	None. Applicants should be at least 18 years of age and can submit an application in the year of turning 18. All applicants are required to submit a 500 word personal statement.		Written English and MC Verbal or Quantitative
Urban & Regional Planning	None		Written English and MC Verbal or Quantitative
Viticulture - *Associate Degree*	None		Written English and MC Verbal or Quantitative
Viticulture – *Bachelor Degree*	None		Written English and MC Verbal or Quantitative
Viticulture & Oenology	None		Written English and MC Verbal or Quantitative
Viticulture/Viticulture & Oenology	None	One TEE mathematics subject and Chemistry (2009).	Written English and MC Verbal or Quantitative

*Students without this subject may be required to pass an approved bridging unit.
[1] Applicants may be considered without some of these subjects. Contact the individual Curtin School.
[2] Preference will be given to applicants with a LOTE subject/course, and also applicants with other evidence of formal language studies.
If you have studied a LOTE in the current year or past two years, and have a preference for Languages and Asian Cultures single or double degrees at Curtin, you will have your TES/TEA raised by a proportion of the scaled mark for each LOTE studied. At the time of publication, the details of the bonus calculation have not been finalised. The raised TES/TEA will only apply to the Languages and Asian Cultures preference/s. For 2010, the bonus will be applied to scaled marks in TEE LOTE subjects, or stage 2 or stage 3 LOTE courses.
[3] WACE course or TEE subject.
[4] Earth and Environmental Science (stage 3 for 2010); or TEE subjects: Biology; Human Biology; Chemistry; Physical Science or Physics satisfies this requirement.
[5] English (stage 3 for 2010); English as an Additional Language/Dialect (stage 3 for 2010); or TEE English or English Literature satisfies this requirement.
[#] The prerequisites for this course have changed since first published in 2007 for the *Admissions Requirements for School Leavers* brochure for 2010 entry. Applicants who previously studied TEE subjects based on the prerequisites published for school leaver entry in 2010 will not be disadvantaged in applying for entry in 2010.