

Course Prerequisites, Assumed Knowledge, Recommended Studies and Special Entry Requirements

(as referenced in the Coursework Policy 2021 and the Admissions Prerequisites Standards – Mathematics)

Note: Assumed knowledge and prerequisite subject requirements listed are based on the minimum NSW HSC subjects or higher. Equivalent minimum subjects or higher from other recognised high school qualifications will also count.

The University of Sydney School of Architecture, Design and Planning

Course	Course Prerequisites	Assumed Knowledge	Recommended Studies	Special Entry Requirements or Other information	Date reviewed
Bachelor of Architecture and Environments		English Advanced and Mathematics Advanced		A portfolio of work may be submitted in support of the application if the expected ATAR is five points below the guaranteed ATAR	Sep 2023
Bachelor of Design		Mathematics Advanced		A portfolio of work may be submitted in support of the application if the expected ATAR is five points below the guaranteed ATAR	Sep 2023
Bachelor of Design and Bachelor of Advanced Studies		Mathematics Advanced; other assumed knowledge depends on major chosen		A portfolio of work may be submitted in support of the application if the expected ATAR is five points below the guaranteed ATAR	Sep 2023
Bachelor of Design in Architecture		English Advanced and Mathematics Advanced		A portfolio of work may be submitted in support of the application if the expected ATAR is five points below the guaranteed ATAR	Sep 2023
Bachelor of Design in Architecture (Honours) and Master of Architecture		English Advanced and Mathematics Advanced		A portfolio of work may be submitted in support of the application if the expected ATAR is five points below the guaranteed ATAR	Sep 2023

Faculty of Arts and Social Sciences

Course	Course Prerequisites	Assumed Knowledge	Recommended Studies	Special Entry Requirements or Other information	Date reviewed
Bachelor of Arts		Depends on majors or units of study chosen			
Bachelor of Arts (Dual degree: Sciences Po, France)		Depends on majors or units of study chosen		Selection is on the basis of written application, academic performance, and interview	Sep 2023
Bachelor of Arts and Bachelor of Advanced Studies		Depends on majors or units of study chosen			
Bachelor of Arts and Bachelor of Advanced Studies (Dalyell Scholars)		Depends on majors or units of study chosen			
Bachelor of Arts and Doctor of Medicine		Mathematics Advanced; For Arts: depends on majors or units of study chosen		Selection is on the basis of ATAR and performance in an assessment process, including a written assessment and a panel discussion session.	Jan 2024
Bachelor of Economics		Mathematics Advanced			Jan 2024
Bachelor of Economics (Dual degree: Sciences Po, France)		Mathematics Advanced		Selection is on the basis of written application, academic performance, and interview	Jan 2024
Bachelor of Economics and Bachelor of Advanced Studies		Mathematics Advanced			Jan 2024
Bachelor of Economics and Bachelor of Arts		For Economics: Mathematics Advanced; For Arts: depends on majors or units of study chosen.			Jan 2024
Bachelor of Education (Health and Physical Education)	NESA prerequisite: Band 5 in three HSC subjects (or equivalent) one of which must be English (English Standard or English Advanced or ESL*/EALD**)			Teacher Education Personal Statement	Feb 2022

Bachelor of Education (Primary)	NESA prerequisite: Band 5 in three HSC subjects (or equivalent) one of which must be English (English Standard or English Advanced or ESL*/EALD**); and Band 4 in Mathematics Standard (or equivalent)	For Mathematics specialisation: Mathematics Standard; For Science and Technology specialisation: any HSC Science subject		Teacher Education Personal Statement	Sep 2023
Bachelor of Education (Secondary)		For Mathematics major, minor or teaching area: Mathematics advanced or higher (depending on units chosen); For Physics major, minor or teaching area: Physics; For Biology major, minor or teaching area: Biology.		Teacher Education Personal Statement	Jan 2024
Bachelor of Education and Bachelor of Advanced Studies (Secondary)		For Mathematics major, minor or teaching area: Mathematics advanced or higher (depending on units chosen); For Physics major, minor or teaching area: Physics; For Biology major, minor or teaching area: Biology.		Teacher Education Personal Statement	Jan 2024
Bachelor of International Studies		Depends on majors or units of study chosen			Apr 2024
Bachelor of Languages		Depends on majors or units of study chosen			Apr 2024
Bachelor of Media and Communications		Depends on majors or units of study chosen			Apr 2024
Bachelor of Politics, Philosophy, and Economics		Depends on majors or units of study chosen			Apr 2024
Bachelor of Social Work		Depends on majors or units of study chosen			
Bachelor of Arts and Bachelor of Social Work		Depends on majors or units of study chosen			
Bachelor of Visual Arts			Visual Arts, Design and Technology	Portfolio representing artistic interests, including a short statement of between 200 and 250 words describing some of the more developed projects in the portfolio.	
Bachelor of Visual Arts and Bachelor of Advanced Studies			Visual Arts, Design and Technology	Portfolio representing artistic interests, including a short statement of between 200 and 250 words describing some of the more developed projects in the portfolio.	
Diploma of Arts		Depends on majors or units of study chosen			



Diploma of Language Studies				No prior language experience required. Language skills are assessed by the discipline and students are placed in the appropriate level (beginner, intermediate or advanced) class.	
*ESL: English as a Second Language **EALD: English as an Additional Language or Dialect					

The University of Sydney Business School

Course	Course Prerequisites	Assumed Knowledge	Recommended Studies	Special Entry Requirements or Other information	Date reviewed
Bachelor of Commerce		Mathematics Standard or higher (depending on majors or units of study chosen); other assumed knowledge depends on majors or units of study chosen.			Jan 2024
Bachelor of Commerce and Bachelor of Advanced Studies		Mathematics Standard or higher (depending on majors or units of study chosen); other assumed knowledge depends on majors or units of study chosen.			Jan 2024
Bachelor of Commerce and Bachelor of Advanced Studies (Dalyell Scholars)		Mathematics Standard or higher (depending on majors or units of study chosen); other assumed knowledge depends on majors or units of study chosen.			Jan 2024
Bachelor of Commerce and Bachelor of Arts		For Commerce: Mathematics Standard or higher (depending on majors or units of study chosen); other assumed knowledge depends on majors or units of study chosen; For Arts: depends on majors or units of study chosen.			Jan 2024
Bachelor of Commerce and Bachelor of Science		For Commerce: Mathematics Standard or higher (depending on majors or units of study chosen); other assumed knowledge depends on majors or units of study chosen; For Science: Mathematics Advanced; other assumed knowledge depends on majors or units of study chosen.			Jan 2024

Faculty of Engineering

Course	Course Prerequisites	Assumed Knowledge	Recommended Studies	Special Entry Requirements or Other information	Date reviewed
Bachelor of Advanced Computing	Mathematics Advanced (Band 4) or Mathematics Extension 1 or 2 (Band E3)	Mathematics Extension 1			Sep 2023
Bachelor of Advanced Computing and Bachelor of Commerce	Mathematics Advanced (Band 4) or Mathematics Extension 1 or 2 (Band E3)	Mathematics Extension 1; For Commerce: depends on majors or units of study chosen			Sep 2023
Bachelor of Advanced Computing and Bachelor of Science	Mathematics Advanced (Band 4) or Mathematics Extension 1 or 2 (Band E3)	Mathematics Extension 1; For Science: depends on majors or units of study chosen			Sep 2023
Bachelor of Advanced Computing and Bachelor of Science (Health)	Mathematics Advanced (Band 4) or Mathematics Extension 1 or 2 (Band E3)	Mathematics Extension 1 and Biology			Sep 2023
Bachelor of Advanced Computing and Bachelor of Science (Medical Science)	Mathematics Advanced (Band 4) or Mathematics Extension 1 or 2 (Band E3)	Mathematics Extension 1, Chemistry and Biology			Sep 2023
Bachelor of Engineering Honours (Aeronautical Engineering)	Mathematics Advanced (Band 4) or Mathematics Extension 1 or 2 (Band E3)	Mathematics Extension 1	Physics		Jan 2024
Bachelor of Engineering Honours (Biomedical Engineering)	Mathematics Advanced (Band 4) or Mathematics Extension 1 or 2 (Band E3)	Mathematics Extension 1, Chemistry	Biology and Physics		Jan 2024
Bachelor of Engineering Honours (Chemical and Biomolecular Engineering)	Mathematics Advanced (Band 4) or Mathematics Extension 1 or 2 (Band E3)	Mathematics Extension 1 and Chemistry			Sep 2023
Bachelor of Engineering Honours (Civil Engineering)	Mathematics Advanced (Band 4) or Mathematics Extension 1 or 2 (Band E3)	Mathematics Extension 1	Physics		Jan 2024
Bachelor of Engineering Honours (Civil Engineering) and Bachelor of Design in Architecture	Mathematics Advanced (Band 4) or Mathematics Extension 1 or 2 (Band E3)	Mathematics Extension 1; for Architecture: English Advanced	Physics		Jan 2024
Bachelor of Engineering Honours (Dalyell Scholars)	Mathematics Advanced (Band 4) or Mathematics Extension 1 or 2 (Band E3)	Mathematics Extension 1, either Physics or Chemistry (depending on the Engineering stream chosen)			
Bachelor of Engineering Honours (Electrical Engineering)	Mathematics Advanced (Band 4) or Mathematics Extension 1 or 2 (Band E3)	Mathematics Extension 1 and Physics			Sep 2023

Bachelor of Engineering Honours (Environmental Engineering)	Mathematics Advanced (Band 4) or Mathematics Extension 1 or 2 (Band E3)	Mathematics Extension 1 and Chemistry			Jan 2024
Bachelor of Engineering Honours (Flexible First Year)	Mathematics Advanced (Band 4) or Mathematics Extension 1 or 2 (Band E3)	Mathematics Extension 1, Physics and/or Chemistry (depending on the Engineering stream chosen)			Sept 2023
Bachelor of Engineering Honours (Mechanical Engineering)	Mathematics Advanced (Band 4) or Mathematics Extension 1 or 2 (Band E3)	Mathematics Extension 1	Physics		Jan 2024
Bachelor of Engineering Honours (Mechatronic Engineering)	Mathematics Advanced (Band 4) or Mathematics Extension 1 or 2 (Band E3)	Mathematics Extension 1	Physics		Jan 2024
Bachelor of Engineering Honours (Software Engineering)	Mathematics Advanced (Band 4) or Mathematics Extension 1 or 2 (Band E3)	Mathematics Extension 1	Physics		Jan 2024
Bachelor of Engineering Honours and Bachelor of Arts	Mathematics Advanced (Band 4) or Mathematics Extension 1 or 2 (Band E3)	Mathematics Extension 1, either Physics or Chemistry (depending on the engineering stream chosen); For Arts: depends on majors or units of study chosen			Sept 2023
Bachelor of Engineering Honours and Bachelor of Commerce	Mathematics Advanced (Band 4) or Mathematics Extension 1 or 2 (Band E3)	Mathematics Extension 1, either Physics or Chemistry (depending on the engineering stream chosen); For Commerce: depends on majors or units of study chosen			Sept 2023
Bachelor of Engineering Honours and Bachelor of Project Management	Mathematics Advanced (Band 4) or Mathematics Extension 1 or 2 (Band E3)	Mathematics Extension 1, either Physics or Chemistry (depending on the engineering stream chosen)			
Bachelor of Engineering Honours and Bachelor of Science	Mathematics Advanced (Band 4) or Mathematics Extension 1 or 2 (Band E3)	Mathematics Extension 1, either Physics or Chemistry (depending on the engineering stream chosen); For Science: depends on majors or units of study chosen			Sept 2023
Bachelor of Engineering Honours (Biomedical Engineering) and Bachelor of Science (Health)	Mathematics Advanced (Band 4) or Mathematics Extension 1 or 2 (Band E3)	Mathematics Extension 1, Chemistry and Biology	Physics		Jan 2024



Bachelor of Engineering Honours (Biomedical Engineering) and Bachelor of Science (Medical Science)	Mathematics Advanced (Band 4) or Mathematics Extension 1 or 2 (Band E3)	Mathematics Extension 1, Chemistry and Biology	Physics		Jan 2024
Bachelor of Engineering Honours with Space	Mathematics Advanced (Band 4) or Mathematics Extension 1 or 2 (Band E3)	Mathematics Extension 1	Physics		Jan 2024
Bachelor of Project Management		Depends on majors or units of study chosen.			Jan 2024

The University of Sydney Law School

Course	Course Prerequisites	Assumed Knowledge	Recommended Studies	Special Entry Requirements or Other information	Date reviewed
Bachelor of Arts and Bachelor of Laws		For Arts: depends on the majors or units of study chosen; For Laws: English Advanced			Sep 2023
Bachelor of Commerce and Bachelor of Laws		For Commerce: Mathematics Standard or higher (depending on majors or units of study chosen); other assumed knowledge depends on majors or units of study chosen; For Laws: English Advanced			Jan 2024
Bachelor of Economics and Bachelor of Laws		For Economics: Mathematics Advanced; For Laws: English Advanced			Jan 2024
Bachelor of Engineering Honours and Bachelor of Laws	Mathematics Advanced (Band 4) or Mathematics Extension 1 or 2 (Band E3)	For Engineering Honours: Mathematics Extension 1, either Physics or Chemistry (depending on the engineering stream chosen); For Laws: English Advanced			Sep 2023
Bachelor of Science and Bachelor of Laws		For Science: Mathematics Advanced; other assumed knowledge depends on majors or units of study chosen; For Laws: English Advanced			Jan 2024

Faculty of Medicine and Health

Course	Course Prerequisites	Assumed Knowledge	Recommended Studies	Special Entry Requirements or Other information	Date reviewed
Bachelor of Applied Science (Diagnostic Radiography)		Mathematics Advanced and Physics	Biology and/or Chemistry		Sep 2023
Bachelor of Applied Science (Exercise and Sport Science)		Mathematics Advanced and Chemistry			Sep 2023
Bachelor of Applied Science (Exercise Physiology)		Mathematics Advanced and Chemistry			Sep 2023
Bachelor of Applied Science (Occupational Therapy)			Biology		
Bachelor of Applied Science (Physiotherapy)		Chemistry and Physics	Mathematics Advanced		Sep 2023
Bachelor of Applied Science (Speech Pathology)			English Advanced		
Bachelor of Biomedicine and Health			Mathematics Advanced; Biology and Chemistry		Dec 2024
Bachelor of Oral Health			Biology and/or Chemistry		Sep 2023
Bachelor of Pharmacy (Honours) and Master of Pharmacy Practice	Mathematics Advanced (Band 4) or Mathematics Extension 1 or 2 (Band E3)	Mathematics Advanced, Chemistry and Biology	Physics		Sep 2023
Bachelor of Pharmacy and Management (Honours) and Master of Pharmacy Practice	Mathematics Advanced (Band 4) or Mathematics Extension 1 or 2 (Band E3)	Mathematics Advanced, Chemistry and Biology	Physics		Sep 2023
Bachelor of Arts and Master of Nursing		For Arts: Depends on the majors or units of study chosen; For M Nursing: None			Sep 2023
Bachelor of Science (Health) and Master of Nursing		For Science (Health): Mathematics Advanced; other assumed knowledge depends on majors or units of study chosen			Jan 2024

Bachelor of Science and Master of Nursing		For Science: Mathematics Advanced; other assumed knowledge depends on majors or units of study chosen; For M Nursing: None			Jan 2024
Bachelor of Science and Doctor of Dental Medicine <i>[No intake from 01 January 2027]</i>		For Science: Mathematics Advanced other assumed knowledge depends on majors or units of study chosen; For D Dental Medicine: None		Selection is on the basis of ATAR or equivalent and performance in an assessment process, including a written assessment and a panel discussion session	Jan 2024
Bachelor of Science and Doctor of Medicine		For Science: Mathematics Advanced; other assumed knowledge depends on majors or units of study chosen; For the Medical Science stream: Mathematics Advanced, Chemistry and Biology; other assumed knowledge depends on majors or units of study chosen; For D Medicine: None		Successful applicants may enrol in the Medical Science stream. Selection is on the basis of ATAR or equivalent and performance in an assessment process, including a written assessment and a panel discussion session	Jan 2024
Bachelor of Science and Master of Nutrition and Dietetics		Mathematics Advanced, Chemistry and Biology; For Science: other assumed knowledge depends on majors or units of study chosen			Jan 2024

Faculty of Science

Course	Course Prerequisites	Assumed Knowledge	Recommended Studies	Special Entry Requirements or Other information	Date reviewed
Bachelor of Agricultural Science		Mathematics Standard and English Standard			
Bachelor of Agricultural Science Honours		Mathematics Standard and English Standard			
Bachelor of Animal and Veterinary Bioscience		Mathematics Standard or higher, Chemistry, Biology, other assumed knowledge depends on majors or units of study chosen			Jun 2024
Bachelor of Liberal Arts and Science		Depends on the majors or units of study chosen			
Bachelor of Liberal Arts and Science (Advanced)		Depends on the majors or units of study chosen			Sep 2023
Bachelor of Mathematical Sciences	Mathematics Advanced (Band 4)	Mathematics Extension 1 (Band E3)			Dec 2024
Bachelor of Psychology		Mathematics Advanced; other assumed knowledge depends on minors or units of study chosen			Jan 2024
Bachelor of Psychology Honours		Mathematics Advanced; other assumed knowledge depends on minors or units of study chosen			Jan 2024
Bachelor of Science		Mathematics Advanced; other assumed knowledge depends on majors or units of study chosen			Jan 2024
Bachelor of Science (Advanced)		Mathematics Advanced; other assumed knowledge depends on majors or units of study chosen			Jan 2024
Bachelor of Science (Health)		Mathematics Advanced and Biology; other assumed knowledge depends on majors or units of study chosen			Jan 2024

Bachelor of Science (Medical Science)		Mathematics Advanced, Chemistry and Biology; other assumed knowledge depends on majors or units of study chosen			Jan 2024
Bachelor of Science and Bachelor of Advanced Studies		Mathematics Advanced; other assumed knowledge depends on majors or units of study chosen			Jan 2024
Bachelor of Science and Bachelor of Advanced Studies (Advanced)		Mathematics Advanced; other assumed knowledge depends on majors or units of study chosen			Jan 2024
Bachelor of Science and Bachelor of Advanced Studies (Dalyell Scholars)		For Dalyell Scholars: Mathematics Advanced; other assumed knowledge depends on majors or units of study chosen.			Jan 2024
Bachelor of Science and Bachelor of Advanced Studies (Health)		Mathematics Advanced and Biology; other assumed knowledge depends on majors or units of study chosen			Jan 2024
Bachelor of Science and Bachelor of Advanced Studies (Medical Science)		Mathematics Advanced, Chemistry and Biology; other assumed knowledge depends on majors or units of study chosen			Jan 2024
Bachelor of Science and Bachelor of Arts		For Science: Mathematics Advanced and/or higher (depending on units of study selected); For Arts: Depends on first-year subjects chosen.			Jan 2024
Bachelor of Science and Master of Mathematical Sciences		Mathematics Extension 2; other assumed knowledge depends on majors or units of study chosen for the BSc.		Students with top band Extension 1 are also encouraged to apply	Jan 2024
Bachelor of Veterinary Biology and Doctor of Veterinary Medicine		Mathematics Advanced, Chemistry and Biology.	Physics	Selection is on the basis of ATAR, completion of a Faculty stipulated situational judgement test, and a statement of commitment to veterinary science	Jan 2024
Bachelor of Wildlife Conservation (Taronga)		Mathematics Standard or higher, Chemistry, Biology, other assumed knowledge depends on majors or units of study chosen.			Jun 2024

Sydney Conservatorium of Music

Course	Course Prerequisites	Assumed Knowledge	Recommended Studies	Special Entry Requirements or Other information	Date reviewed
Bachelor of Music		Music 1		Selection is by audition and/or interview, and ATAR. Depending on the program, applicants submit written work or audio and visual material, and are interviewed.	
Bachelor of Music (Composition)		Music 2		Selection is by audition and/or interview, and ATAR. Applicants demonstrate their level of achievement as a composer by submitting three compositions in different performance media or genres and attend an interview.	
Bachelor of Music (Music Education)	NESA prerequisite: Band 5 in three HSC subjects (or equivalent) one of which needs to be English (English Standard or English Advanced or ESL*/EALD**)	Music 2		Teacher Education Personal Statement. Selection is by audition and/or interview, and ATAR. If specialising in Performance, applicants will be required to audition in instrument / voice. If specialising in Composition, Contemporary Music Practice or Musicology, applicants submit a portfolio and be interviewed.	
Bachelor of Music (Performance)		Music 2		Selection is by audition and/or interview, and ATAR. Applicants undertake an audition in a nominated instrument or in voice.	
Bachelor of Music and Bachelor of Advanced Studies (Composition)		Music 2		Selection is by audition and/or interview, and ATAR. Applicants demonstrate their level of achievement as a composer by submitting three compositions in different performance media or genres and attend an interview.	
Bachelor of Music and Bachelor of Advanced Studies (Performance)		Music 2		Selection is by audition and/or interview, and ATAR. Applicants undertake an audition in a nominated instrument or in voice.	
Diploma of Music				Applicants are required to: <ul style="list-style-type: none"> - present a portfolio of work and attend an interview; or - undertake a practical audition in a nominated instrument or voice. 	Sep 2022
<p>*ESL: English as a Second Language **EALD: English as an Additional Language or Dialect</p>					

Extended Bachelor's Programs

Course	Course Prerequisites	Assumed Knowledge	Recommended Studies	Special Entry Requirements or Other information	Date reviewed
Bachelor of Arts (Extended)				<p>(1) Admission to this course is only open to Aboriginal and Torres Strait Islander students</p> <p>(2) Admission to this course will be on demonstrated potential for tertiary study to a standard sufficient to undertake the course as demonstrated in:</p> <ul style="list-style-type: none"> (a) a numeracy and literacy diagnostic test; (b) a structured interview; (c) evidence of a secondary school leaving qualification such as the NSW Higher School Certificate, Record of Student Achievement (RoSA), tertiary study or an approved preparation program; (d) English language requirements must be met where these are not demonstrated by sufficient qualifications taught in English; (e) a portfolio of written work or support material including a personal statement of intent for studying the course. 	
Bachelor of Liberal Arts and Science (Extended)				<p>(1) Admission to this course is only open to Aboriginal and Torres Strait Islander students</p> <p>(2) Admission to this course will be on demonstrated potential for tertiary study to a standard sufficient to undertake the course as demonstrated in:</p> <ul style="list-style-type: none"> (a) a numeracy and literacy diagnostic test; (b) a structured interview; (c) evidence of a secondary school leaving qualification such as the NSW Higher School Certificate, Record of Student Achievement (RoSA), tertiary study or an approved preparation program; (d) English language requirements must be met where these are not demonstrated by sufficient qualifications taught in English; (e) a portfolio of written work or support material including a personal statement of intent for studying the course. 	

Bachelor of Science (Extended)				<p>(1) Admission to this course is only open to Aboriginal and Torres Strait Islander students</p> <p>(2) Admission to this course will be on demonstrated potential for tertiary study to a standard sufficient to undertake the course as demonstrated in:</p> <ul style="list-style-type: none"> (a) a numeracy and literacy diagnostic test; (b) a structured interview; (c) evidence of a secondary school leaving qualification such as the NSW Higher School Certificate, Record of Student Achievement (RoSA), tertiary study or an approved preparation program; (d) English language requirements must be met where these are not demonstrated by sufficient qualifications taught in English; (e) a portfolio of written work or support material including a personal statement of intent for studying the course. 	
Bachelor of Science (Extended) (Health)				<p>(1) Admission to this course is only open to Aboriginal and Torres Strait Islander students</p> <p>(2) Admission to this course will be on demonstrated potential for tertiary study to a standard sufficient to undertake the course as demonstrated in:</p> <ul style="list-style-type: none"> (a) a numeracy and literacy diagnostic assessment; (b) a structured interview; (c) evidence of a secondary school leaving qualification such as the NSW Higher School Certificate, Record of Student Achievement (RoSA), tertiary study or an approved preparation program; (d) a portfolio of written work or support material including a personal statement of intent for studying the course. 	Sep 2023