ADMISSIONS PREREQUISITE STANDARDS - MATHEMATICS

1   Definitions

(1)   Words and phrases used in these standards and not otherwise defined in this document have the meanings they have in the *Coursework Policy 2014*.

(2)   In these standards:

approved mathematics prerequisite course	means one of: • **Math 1111 (including MOOC version)**: for admission to all award courses subject to these standards • **ECON 1003**: for admission to the Bachelor of Economics and Bachelor of Economics/Bachelor of Advanced Studies • **ENVX 1002**: for admission to the Bachelor of Science and Bachelor of Advanced Studies (Agriculture), Bachelor of Science and Bachelor of Advanced Studies (Animal and Veterinary Bioscience); Bachelor of Science and Bachelor of Advanced Studies (Food and Agribusiness), and Bachelor of Science/Bachelor of Advanced Studies (Taronga Wildlife Conservation)
MOOC	means Massive Open Online Course.
required NSW mathematics result	means, in the New South Wales Higher School Certificate: • a band 4 or higher result in Mathematics (2019 or earlier); or • a band 4 or higher result in Mathematics Advanced (2020 or later).
Table 1 award course	means any award course listed in Table 1 to these standards

2   Mathematics prerequisites generally

Except as provided in subclause 3(3), in order to be eligible for admission to any award course listed in Table 1 to these standards, students must meet the standards specified in this document.

3   Domestic applicants applying on the basis of secondary study

(1)   These standards apply to:

    (a)   domestic applicants seeking admission for study commencing on or after 1 January 2019, who obtained an Australian school leaving qualification in 2018; and

(b) all domestic applicants seeking admission for study commencing on or after 1 January 2020.

(2) In addition to the otherwise applicable admission requirements, a domestic applicant seeking admission to a Table 1 award course on the basis of secondary study must demonstrate achievement in mathematics through:

    (a) a required NSW mathematics result; or

    (b) a result in a secondary school-leaving qualification considered by the Academic Board to be equivalent to a required NSW mathematics result.

(3) An Associate Dean may admit an applicant under the Cadigal Scheme, who has not met the standards specified in this document, to a course listed in Table 1:

    (a) if satisfied that they have the capacity to succeed in coursework at a university level; and

    (b) subject to a requirement that they

        (i) enrol in an approved mathematics pre-requisite course in their first year of enrolment; and

        (ii) satisfy requirements for this course prior to graduation.

Note: The Cadigal Scheme is a special admission program for Aboriginal and Torres Strait Islander applicants. See clause 28 of the *Coursework Policy 2014*.

4 Domestic applicants applying on the basis of tertiary study

(1) These standards apply to domestic applicants seeking admission on the basis of tertiary study, for study commencing on or after 1 January 2020.

(2) In addition to the otherwise applicable admission requirements, a domestic applicant seeking admission to a Table 1 award course on the basis of tertiary study must demonstrate achievement in mathematics through:

    (a) a pass or higher grade in an approved mathematics prerequisite course;

    (b) completing other tertiary mathematical study which, in the opinion of the relevant Associate Dean in the faculty or University school responsible for the award course, is equivalent to a pass or higher grade in an approved mathematics prerequisite course; or

    (c) having achieved:

        (i) a required NSW mathematics result; or

        (ii) a result in a secondary school-leaving qualification considered by the Academic Board to be equivalent.

5 Domestic applicants applying on the basis of other qualifications

(1) These standards apply to all domestic applicants seeking admission on the basis of qualifications other than secondary or tertiary study, for study commencing on or after 1 January 2020.

(2) In addition to the otherwise applicable admission requirements, a domestic applicant seeking admission to a Table 1 award course on the basis of another

qualification approved by the Academic Board under clause 12 of the *Coursework Policy 2014* must demonstrate achievement in mathematics through:

(a) achieving a result which is considered by the Academic Board to be equivalent to:

 (i) a required NSW mathematics result or

 (ii) a pass grade or higher in an approved mathematics pre-requisite course; or

(b) completing other tertiary mathematical study which, in the opinion of the relevant Associate Dean in the faculty or University school responsible for the award course, is equivalent to a pass or higher grade in an approved mathematics prerequisite course.

6 Applicants applying on the basis of approved preparation programs

(1) These standards apply to applicants seeking admission on the basis of preparation programs approved by the Academic Board under clause 15 of the *Coursework Policy 2014,* for study commencing on or after 1 January 2020.

(2) In addition to the otherwise applicable admission requirements, an applicant seeking admission to a Table 1 award course on the basis of an approved preparation program must demonstrate achievement in mathematics through:

(a) achieving a result which is considered by the Academic board to be equivalent to:

 (i) a required NSW mathematics result; or

 (ii) a pass grade or higher in an approved mathematics pre-requisite course; or

(b) completing other tertiary mathematical study which, in the opinion of the relevant Associate Dean in the faculty or University school responsible for the award course, is equivalent to a pass or higher grade in an approved mathematics prerequisite course.

TABLE 1

Undergraduate award courses with mathematics prerequisites

FACULTY	UAC CODE	AWARD COURSE
Faculty of Arts and Social Sciences	523115	B. Economics
	513230	B. Economics / B. Advanced Studies
	N/A	B. Economics (Sciences Po Dual Degree)
	513260	B. Education (Secondary: Mathematics) / B. Science
	513265	B. Education (Secondary: Science) / B. Science
University of Sydney Business School	513300	B. Commerce
	513305	B. Commerce / B. Advanced Studies
	513310	B. Commerce / B. Advanced Studies (Dalyell Scholars)
Faculty of Engineering and Information Technology	513500	B. Advanced Computing
	513505	B. Advanced Computing / B. Commerce
	513510	B Advanced Computing / B. Science
	513515	B. Advanced Computing / B. Science (Health)
	513520	B. Advanced Computing / B. Science (Medical Science)
	513525	B. Engineering Honours (Aeronautical)
	513530	B. Engineering Honours (Biomedical)
	513535	B. Engineering Honours (Chemical and Biomolecular)
	513540	B. Engineering Honours (Civil)

	513545	B. Engineering Honours (Electrical)
	513545	B. Engineering Honours (Flexible First Year)
	513555	B. Engineering Honours (Mechanical)
	513560	B. Engineering Honours (Mechatronic)
	513565	B. Engineering Honours (Software)
	513570	B. Engineering Honours with Space Engineering
	513575	B. Engineering Honours / B. Arts
	513580	B. Engineering Honours / B. Commerce
	513585	B. Engineering Honours (Civil) / B. Design in Architecture
	513590	B. Engineering Honours / B. Project Management
	513595	B. Engineering Honours / B. Science
	513600	B. Engineering Honours / B. Science (Health)
	513605	B. Engineering Honours / B. Science (Medical Science)
	513610	B. Project Management
University of Sydney Law School	513800	B. Commerce / B. Laws
	513800	B. Economics / B. Laws
	513800	B. Engineering Honours / B. Laws
	513800	B. Science / B. Laws
Faculty of Medicine and Health	513715	B. Arts / D. Medicine
	513760	B. Pharmacy
	513765	B. Pharmacy and Management
	513705	B. Science / D. Dental Medicine
	513720	B. Science / D. Medicine

	513745	B. Science / M. Nursing
	513750	B. Science (Health) / M. Nursing
Faculty of Science	513905	B. Psychology
	513910	B. Science
	513915	B. Science (Health)
	513925	B. Science (Medical Science)
	513930	B. Science / B. Advanced Studies
	513911	B. Science / B. Advanced Studies (Dalyell Scholars including Mathematical Science)
	513935	B. Science / B. Advanced Studies (Advanced)
	513940	B. Science / B. Advanced Studies (Agriculture)
	513945	B. Science / B. Advanced Studies (Animal and Veterinary Bioscience)
	513950	B. Science / B. Advanced Studies (Food and Agribusiness)
	513920	B. Science / B. Advanced Studies (Health)
	513960	B. Science / B. Advanced Studies (Medical Science)
	513965	B. Science / M. Nutrition and Dietetics
	513970	B. Veterinary Biology / D. Veterinary Medicine
	513961	Bachelor of Science / Bachelor of Advanced Studies (Taronga Wildlife Conservation)