

AUDIO AND ACOUSTICS

Sound is a constant throughout our lives – involving, informing and profoundly shaping our experience of communication, entertainment and architectural spaces. This degree is unique and challenging, giving students a solid foundation in the design, measurement and theory of audio and acoustics. From this foundation students can choose to specialise in their area of interest including acoustics, audio systems and audio production.

ABOUT THIS COURSE?

The degree is interdisciplinary, bringing together creative, technical and scientific approaches to sound. It draws on psychology, aesthetic sound design, new media, sound recording, systems design, acoustic engineering, computer modelling and simulation. It gives a solid grounding in these fields, and encourages senior students to develop advanced understanding and skills through specialised projects.

The program is supported by one of Australia's best acoustics facilities and two audio studios. The Acoustics Research Laboratory houses an anechoic room and reverberant room and has extensive state-of-the-art equipment for measurement and analysis. The audio studios consist of a recording studio and a 5.1 channel production studio.

WHO SHOULD TAKE THIS COURSE?

The program is ideal for people with an academic and/or professional track record in audio, acoustics or related areas, wishing to extend the breadth and level of their expertise. This includes audio engineers, architects, interior designers, sustainable designers and musicians.

There is no assumed knowledge in this program, making it ideal for people wishing to enter these fields.

WHAT IS THE OUTCOME OF THIS COURSE?

Students will graduate with a broad education in Audio and Acoustics which could lead to a number of vocational opportunities. Graduates work in fields including audio production, sound design, audio systems design, acoustical consulting, and research and development of audio and acoustics products. Some graduates have used the degree as the foundation for a research degree in audio and acoustics.

MODES OF STUDY

This program can be taken as a Graduate Certificate (six months full time), Graduate Diploma (one year full time) or Master degree (one and a half years full time). This program can also be taken as double stream Master degree in combination with another Design Science Program or Facilities Management.

Part time study is available for Australian citizens and permanent residents. Individual units can also be taken as Continuing Professional Development short courses without enrolling into a degree.

Please refer to page 24 for information on research degrees, which can be undertaken in Audio and Acoustics.

ADMISSION REQUIREMENTS

Masters and Graduate Diploma applicants should hold a bachelor degree. Graduate Certificate applicants should hold a bachelor degree or possess experience which is considered to demonstrate the knowledge and aptitude required to undertake the course.

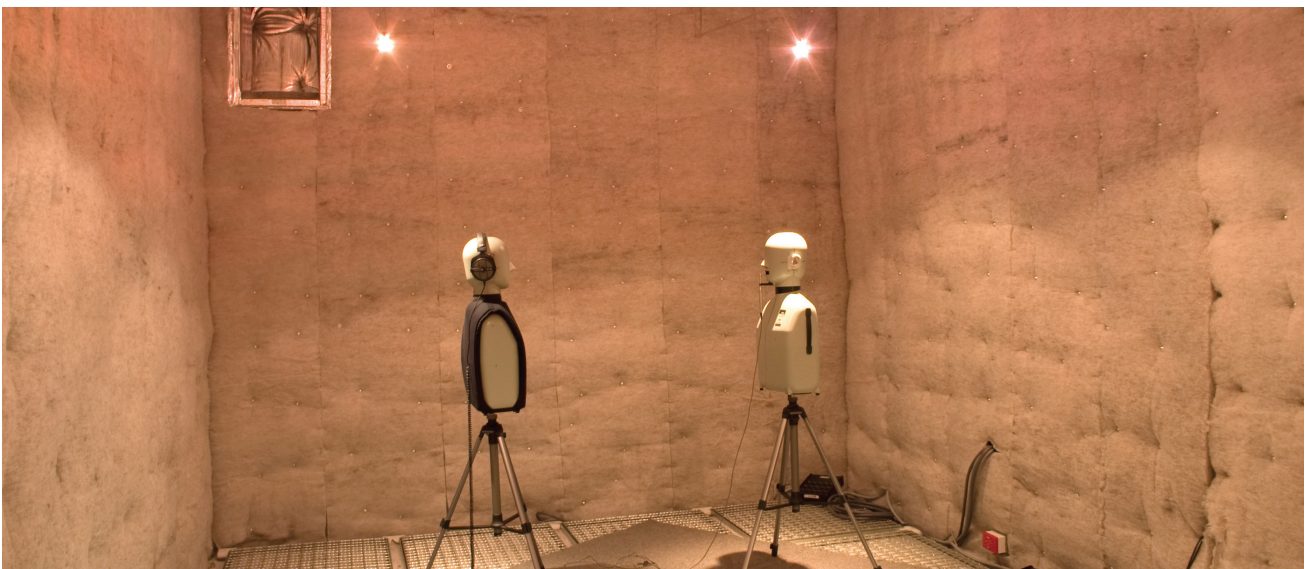
Program details	Course name	Credit points	Duration (full time)
	Master of Design Science (Audio & Acoustics)	72	1.5 years
	Master of Design Science (Audio & Acoustics) with second stream	96	2 years
	Graduate Diploma in Design Science (Audio & Acoustics)	48	1 year
	Graduate Certificate in Design Science (Audio & Acoustics)	24	0.5 year

Core Units	Unit Code	Unit Name	Credit Points	Semester offered
Masters and grad dip students complete all 24 credit points Grad cert at least 18	DESC9011	Audio Production	6	1
	DESC9115	Digital Audio Systems	6	1
	DESC9117	Sound Design for New Media	6	2
	DESC9138	Architectural and Audio Acoustics	6	1
Optional Units	Unit Code	Unit Name	Credit Points	Semester offered
Masters and grad dip students complete at least 18 credit points Grad cert complete at least 6	DESC9042	Electrics Electronics & Electroacoustics	6	1
	DESC9090	Audio Systems and Measurement	6	2
	DESC9133	Architectural Acoustics Practice	6	2
	DESC9134	Audio and Acoustics Seminar	6	1
	DESC9135	Digital Audio Production with ProTools	6	1 intensive
	DESC9136	Music Technologies	6	2
	DESC9137	Spatial Audio	6	1
	DESC9153	Graduate Internship	6	1, 2
Elective Units	Elective units can be taken from any graduate program within the Faculty of Architecture, Design and Planning or (with permission) from other faculties within the University. Masters students can complete up to 30 credit points as Electives. Grad dip students can complete up to 6.			

Core units completed in excess of the minimum requirements may count as optional or elective units of study.

Entry requirements: Bachelor degree for Master and Graduate Diploma
Bachelor degree or relevant experience for Graduate Certificate

Fees (per year full time) Local: \$19,920 (\$415 per credit point), International: \$27,840 (\$580 per credit point)



COURSEWORK ADMISSIONS

WHO IS ELIGIBLE TO APPLY?

Masters and Graduate Diploma applicants should hold a bachelor degree. Masters applicants for Architecture, Heritage Conservation, Interaction Design and Electronic Arts, and Urban and Regional Planning must hold a bachelor degree with a credit average.

Graduate Certificate applicants should hold a bachelor degree or possess experience which is considered to demonstrate the knowledge and aptitude required to undertake the course. Please see the individual course listing in this brochure for full admission details.

OFFER OF ADMISSION

The result of your application will be a formal response sent by the Faculty. You will also receive information on fee payments and orientation material. If, for any reason, you are unable to take up an offer, please notify the Faculty immediately.

LOCAL STUDENTS

If you are an Australian citizen, a permanent resident of Australia or a citizen of New Zealand, you will be considered a local student. You can apply online at sydney.edu.au/future_students/domestic_postgraduate_coursework/admissions/

Local Student Enquiries

Student Administration Centre
Wilkinson Building (G04)
University of Sydney NSW 2006 Australia
T: +61 2 9036 6104 F: +61 2 9036 9532
E: admissions@arch.usyd.edu.au

Application Deadlines

30 November (March semester)
31 May (July semester)

Applications must be accompanied by a copy of your academic transcripts listing course results certified at the institute where you studied and the date of conferring of your qualifications. Applicants are required to show original evidence or certified copy (by a Justice of the Peace) of their Australian citizenship, New Zealand citizenship or permanent residency status.

English Language Requirements

If your qualifications were from a university or other recognised institution where the medium of instruction was

not English, you must provide evidence of proficiency in the English language. Applicants whose first language is not English may also be asked to provide evidence of English proficiency. The Faculty accepts the following tests:
IELTS: 7.0 overall (min 6.0 each component)
TOEFL: 600+ (TWE 4.5+) CBT 250+ (essay 4.5+) IBT 100+

INTERNATIONAL STUDENTS

If you are NOT an Australian citizen, a permanent resident, or a citizen of New Zealand, you will be considered an international student and accepted into the University only on a full-fee basis.

International Student Enquiries

Please contact: io.info@sydney.edu.au

Application Deadlines

- 31 October (March semester)
- 30 April (July semester)

Application Processing Fee: AUD\$100

Applications must be lodged to the International Office. For more details, see: www.usyd.edu.au/internationaloffice/

English language requirements

If English is not your first language, you must demonstrate an English language proficiency before admission can be confirmed. The Faculty accepts the following tests:
IELTS: 7.0 overall (min 6.0 each component)
TOEFL: 600+ (TWE 4.5+) CBT 250+ (essay 4.5+) IBT 100+
For more information on postgraduate English language requirements and exemptions see: sydney.edu.au/future_students/international_postgraduate_coursework/admissions/entry_requirements/english_language_requirements.shtml

FEES

Please see the following web page for a full list of fees: sydney.edu.au/architecture/programs_of_study/fees.shtml

SCHOLARSHIPS

For more information see our website: sydney.edu.au/architecture/programs_of_study/scholarships.shtml
sydney.edu.au/ro/

TIMETABLES

To view timetables please see: sydney.edu.au/architecture/CS/postgrad/timetables.shtml