



UNSW Course Outline

MUSC3806 Immersive Audio - 2024

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General Course Information

Course Code : MUSC3806

Year : 2024

Term : Term 3

Teaching Period : T3

Is a multi-term course? : No

Faculty : Faculty of Arts, Design and Architecture

Academic Unit : School of the Arts and Media

Delivery Mode : In Person

Delivery Format : Standard

Delivery Location : Kensington

Campus : Sydney

Study Level : Undergraduate

Units of Credit : 6

Useful Links

[Handbook Class Timetable](#)

Course Details & Outcomes

Course Description

This course explores the possibilities of creating sound environments for immersive audio formats such as multi-speaker audio, ambisonics and surround formats. You will explore the connections between listening and the environment, and discover the ways that this can be applied to immersive media. Through practical assignments you will be introduced to UNSW's

industry-standard studio recording facilities and mixing spaces, as well as specialist software for working with spatial audio.

Course Aims

Relationship to Other Courses

Your participation in this subject will benefit from some experience with a Digital Audio Workstation (DAW) such as Pro Tools, Ableton Live or Logic Pro. As such, it extends on subjects such as Creative Sound Design, Music Craft 2 and Electroacoustic Music.

If you have no previous experience with computer-based composition, it is still possible to work with the tools that are prescribed in this subject. It is, however, recommended that you contact the course convener prior to week 1 to discuss a learning strategy.

Course Learning Outcomes

Course Learning Outcomes
CLO1 : Apply analytical, critical and listening skills in the field of electronic music production.
CLO2 : Work productively with a range of software and hardware tools for music recording and creation.
CLO3 : Demonstrate a conceptually-based approach to composing for spatial audio.

Course Learning Outcomes	Assessment Item
CLO1 : Apply analytical, critical and listening skills in the field of electronic music production.	<ul style="list-style-type: none">• Research Task• Composition Project
CLO2 : Work productively with a range of software and hardware tools for music recording and creation.	<ul style="list-style-type: none">• Field Recording Project• Composition Project
CLO3 : Demonstrate a conceptually-based approach to composing for spatial audio.	<ul style="list-style-type: none">• Field Recording Project• Composition Project

Learning and Teaching Technologies

Moodle - Learning Management System | Sound Particles, Spatial Studio, Pro Tools

Assessments

Assessment Structure

Assessment Item	Weight	Relevant Dates
Field Recording Project Assessment Format: Individual	25%	Start Date: Not Applicable Due Date: 20/10/2024 11:59 PM
Research Task Assessment Format: Individual	30%	Due Date: 03/11/2024 11:59 PM
Composition Project Assessment Format: Individual	45%	Due Date: 20/11/2024 11:59 AM

Assessment Details

Field Recording Project

Assessment Overview

Spatial audio work using original field recordings, in response to provided brief (3 mins).

Feedback via LMS

Course Learning Outcomes

- CL02 : Work productively with a range of software and hardware tools for music recording and creation.
- CL03 : Demonstrate a conceptually-based approach to composing for spatial audio.

Detailed Assessment Description

See Moodle for description.

Assessment Length

3 mins

Assignment submission Turnitin type

This assignment is submitted through Turnitin and students can see Turnitin similarity reports.

Generative AI Permission Level

Simple Editing Assistance

In completing this assessment, you are permitted to use standard editing and referencing functions in the software you use to complete your assessment. These functions are described below. You must not use any functions that generate or paraphrase passages of text or other media, whether based on your own work or not.

If your Convenor has concerns that your submission contains passages of AI-generated text or media, you may be asked to account for your work. If you are unable to satisfactorily demonstrate your understanding of your submission you may be referred to UNSW Conduct & Integrity Office for investigation for academic misconduct and possible penalties. For more information on Generative AI and permitted use please see [here](#).

Research Task

Assessment Overview

Written response to a task based on course materials and further research.

2000 words.

Feedback via LMS

Course Learning Outcomes

- CL01 : Apply analytical, critical and listening skills in the field of electronic music production.

Detailed Assessment Description

See Moodle for details.

Assessment Length

2000 words

Assignment submission Turnitin type

This assignment is submitted through Turnitin and students can see Turnitin similarity reports.

Generative AI Permission Level

Planning/Design Assistance

You are permitted to use generative AI tools, software or services to generate initial ideas, structures, or outlines. However, you must develop or edit those ideas to such a significant extent that what is submitted is your own work, i.e., what is generated by the tool, software or service should not be a part of your final submission. You should keep copies of your iterations to show your Course Authority if there is any uncertainty about the originality of your work.

If your Convenor has concerns that your answer contains passages of AI-generated text or media that have not been sufficiently modified you may be asked to explain your work, but we recognise that you are permitted to use AI generated text and media as a starting point and some traces may remain. If you are unable to satisfactorily demonstrate your understanding of your submission you may be referred to UNSW Conduct & Integrity Office for investigation for

academic misconduct and possible penalties.

For more information on Generative AI and permitted use please see [here](#).

Composition Project

Assessment Overview

Original composition for spatial audio (approx. 5 mins).

Feedback via LMS

Course Learning Outcomes

- CLO1 : Apply analytical, critical and listening skills in the field of electronic music production.
- CLO2 : Work productively with a range of software and hardware tools for music recording and creation.
- CLO3 : Demonstrate a conceptually-based approach to composing for spatial audio.

Detailed Assessment Description

See Moodle for details.

Assessment Length

2000 words

Assignment submission Turnitin type

This assignment is submitted through Turnitin and students can see Turnitin similarity reports.

Generative AI Permission Level

Assistance with Attribution

This assessment requires you to write/create a first iteration of your submission yourself. You are then permitted to use generative AI tools, software or services to improve your submission in the ways set out below.

Any output of generative AI tools, software or services that is used within your assessment must be attributed with full referencing.

If outputs of generative AI tools, software or services form part of your submission and are not appropriately attributed, your Convenor will determine whether the omission is significant. If so, you may be asked to explain your submission. If you are unable to satisfactorily demonstrate your understanding of your submission you may be referred to UNSW Conduct & Integrity Office for investigation for academic misconduct and possible penalties.

For more information on Generative AI and permitted use please see [here](#).

General Assessment Information

Grading Basis

Standard

Course Schedule

Teaching Week/Module	Activity Type	Content
Week 1 : 9 September - 15 September	Topic	Sound and Environment
Week 2 : 16 September - 22 September	Topic	Soundscape Composition
Week 3 : 23 September - 29 September	Topic	Spatial Synthesis
Week 4 : 30 September - 6 October	Topic	Surround Sound and Cinema
Week 5 : 7 October - 13 October	Topic	Extended Reality and Immersive Storytelling
Week 6 : 14 October - 20 October	Other	Flexweek
Week 7 : 21 October - 27 October	Fieldwork	Site visit to the National Facility for Human-Robot Interaction Research
Week 8 : 28 October - 3 November	Topic	Sensory Ecology
Week 9 : 4 November - 10 November	Topic	Sustainability and Acoustic Justice
Week 10 : 11 November - 17 November	Presentation	Presentation of works-in-progress
Week 11 : 18 November - 24 November	Screening	NOTE: This subject has an end-of-trimester event at Art & Design (Paddington). This is scheduled for Friday week 11 (Nov 20th), subject to availability of the venue.

Attendance Requirements

School of the Arts and Media mandatory attendance requirements

The School of the Arts and Media recognizes that to equip students with UNSW Graduate Capabilities to be Scholars, Professionals, Leaders, and Global Citizens, it is vital to ensure regular attendance. Only through ongoing engagement with peers can students develop effective skills to communicate, collaborate with, and lead others, including the ability to negotiate cultural differences and the awareness to act ethically and respectfully around others. Furthermore, only in the classroom will students be able to voice their opinions, hear those of others, engage in debate to develop their knowledge, and learn first-hand from world experts in their field of study.

The School has a minimum attendance requirement of 80% for all non-lecture classes (tutorials, seminars, workshops, etc). Failure to meet the minimum attendance requirement will result in an Unsatisfactory Fail (UF) for the course regardless of performance on assessment tasks or other requirements for the course.

A student may be advised by the Course Convenor to withdraw from the course if they have already missed more than 20% of classes by the term census date. Students may also be refused final assessment if they have not met attendance requirements at the end of term.

An artefact of student attendance will be recorded by tutors and kept by the School. If a student has legitimate, documented explanation for absences (including adjustments provided by Equitable Learning Plans), the Course Convenor may choose to prescribe supplementary tasks in lieu of attendance.

Mandatory attendance requirements for SAM courses are aligned with these Program Learning Outcomes:

Bachelor of Arts (3409)

4. Collaborate effectively with others and engage sensitively with diverse cultural perspectives.
5. Communicate and debate complex ideas in a range of different contexts using a variety of suitable media.
8. Act ethically, respectfully and responsibly.

Bachelor of Media (3341)

2. Critically analyse the evolving media landscape in relation to historical, social, political, material and theoretical contexts, including settler colonialism
5. Deploy a critically informed approach to ethics, justice, and social engagement in media practices, industries, and contexts.
7. Collaborate effectively with local and international communities of practitioners across media contexts.

Bachelor of Fine Arts (4830)

4. Communicate complex ideas about art and culture using coherent methods for a variety of audiences.
6. Contribute to contemporary creatives fields through self-reflexive, ethical, and sustainable practices that incorporate principles of equity, diversity, and inclusion.
7. Employ professional practice principles to realise independent and collaborative initiatives.

Master of Communication and Journalism (8232)

4. Investigate and analyse issues and, through a range of media, articulate their complexities to a range of specialist and non-specialist audiences

6. Act ethically, respectfully, and responsibly in the context of professional and regulatory frameworks

7. Collaborate effectively with others

Master of Public Relations and Advertising (8281)

4. Shape nuanced, media-aware communication strategies and tactics for a range of specialist and non-specialist audiences

6. Act ethically, respectfully, and responsibly in the context of professional and regulatory frameworks

7. Collaborate effectively with others

Course Resources

Recommended Resources

A pair of decent over-ear headphones (such as the AKG Studio K240) will help a lot!

An external drive is also recommended for backing up audio, although all students have access to cloud storage via OneDrive.

Course Evaluation and Development

We welcome feedback during the course as well as MyExperience. Please email a.hulbert@unsw.edu.au at any time if there are things we can do to improve your learning experience.

Staff Details

Position	Name	Email	Location	Phone	Availability	Equitable Learning Services Contact	Primary Contact
Convenor	Adam Hulbert		Robert Webster 108		email for availability	Yes	Yes
Tutor	Richard Bull				available during tutorial or via email	No	No

Other Useful Information

Academic Information

For essential student information relating to:

- UNSW and Faculty policies and procedures;
- Student Support Services;
- Student equity and disability;
- Special Consideration in the event of illness or misadventure;
- Examination information;
- Review of results;

Please see: <https://www.unsw.edu.au/arts-design-architecture/student-life/resources-support/protocols-guidelines>

Academic Honesty and Plagiarism

Plagiarism is using the words or ideas of others and presenting them as your own. It can take many forms, from deliberate cheating to accidentally copying from a source without acknowledgement.

UNSW groups plagiarism into the following categories:

- Copying: Using the same or very similar words to the original text or idea without acknowledging the source or using quotation marks. This includes copying materials, ideas or concepts from a book, article, report or other written document, presentation, composition, artwork, design, drawing, circuitry, computer program or software, website, internet, other electronic resource, or another person's assignment without appropriate acknowledgement.
- Inappropriate paraphrasing: Changing a few words and phrases while mostly retaining the original information, structure and/or progression of ideas of the original without acknowledgement. This also applies in presentations where someone paraphrases another's ideas or words without credit and to piecing together quotes and paraphrases into a new whole, without appropriate referencing.
- Collusion: Working with others but passing off the work as a person's individual work. Collusion also includes providing your work to another student for the purpose of them plagiarising, paying another person to perform an academic task, stealing or acquiring another person's academic work and copying it, offering to complete another person's work or seeking payment for completing academic work.
- Inappropriate citation: Citing sources which have not been read, without acknowledging the "secondary" source from which knowledge of them has been obtained.
- Duplication ("self-plagiarism"): Submitting your own work, in whole or in part, where it has previously been prepared or submitted for another assessment or course at UNSW or another

university.

The UNSW Academic Skills support offers resources and individual consultations. Students are also reminded that careful time management is an important part of study. One of the identified causes of plagiarism is poor time management. Students should allow sufficient time for research, drafting and proper referencing of sources in preparing all assessment items. UNSW Library has the ELISE tool available to assist you with your study at UNSW. ELISE is designed to introduce new students to studying at UNSW, but it can also be a great refresher during your study.

Completing the ELISE tutorial and quiz will enable you to:

- analyse topics, plan responses and organise research for academic writing and other assessment tasks
- effectively and efficiently find appropriate information sources and evaluate relevance to your needs
- use and manage information effectively to accomplish a specific purpose
- better manage your time
- understand your rights and responsibilities as a student at UNSW
- be aware of plagiarism, copyright, UNSW Student Code of Conduct and Acceptable Use of UNSW ICT Resources Policy
- be aware of the standards of behaviour expected of everyone in the UNSW community
- locate services and information about UNSW and UNSW Library

Use of AI for assessments

As AI applications continue to develop, and technology rapidly progresses around us, we remain committed to our values around academic integrity at UNSW. Where the use of AI tools, such as ChatGPT, has been permitted by your course convener, they must be properly credited and your submissions must be substantially your own work.

In cases where the use of AI has been prohibited, please respect this and be aware that where unauthorised use is detected, penalties will apply.

[Use of AI for assessments | UNSW Current Students](#)

Submission of Assessment Tasks

Assessment tasks must be submitted electronically via either Turnitin or a Moodle assignment. In instances where this is not possible, alternative submission details will be stated on your course's Moodle site. For information on how to submit assignments online via Moodle: <https://>

Late Submission Penalty

UNSW has a standard late submission penalty of:

- 5% per calendar day,
- for all assessments where a penalty applies,
- capped at five calendar days (120 hours) from the assessment deadline, after which a student cannot submit an assessment, and
- no permitted variation.

Students are expected to manage their time to meet deadlines and to request [Special Consideration](#) as early as possible before the deadline. Support with [Time Management is available here](#).

Important note: UNSW has a “fit to sit/submit” rule, which means that if you sit an exam or submit a piece of assessment, you are declaring yourself fit to do so and cannot later apply for Special Consideration. This is to ensure that if you feel unwell or are faced with significant circumstances beyond your control that affect your ability to study, you do not sit an examination or submit an assessment that does not reflect your best performance. Instead, you should apply for Special Consideration as soon as you realise you are not well enough or are otherwise unable to sit or submit an assessment.

School-specific Information

Use of Recording Devices

"To protect privacy and intellectual property, the School of the Arts and Media prohibits the use of recording devices in class (including live translation apps) without the explicit permission of the tutor and other class members. Doing so will be considered a breach of the UNSW Code of Conduct and Values."

School Contact Information

School of the Arts and Media

Location: Room 312, Level 3 Robert Webster Building

Opening Hours: Monday -Friday, 9am - 5 pm

Email: sam@unsw.edu.au

Phone: +612 9385 4856

web: <https://www.unsw.edu.au/arts-design-architecture/our-schools/arts-media>