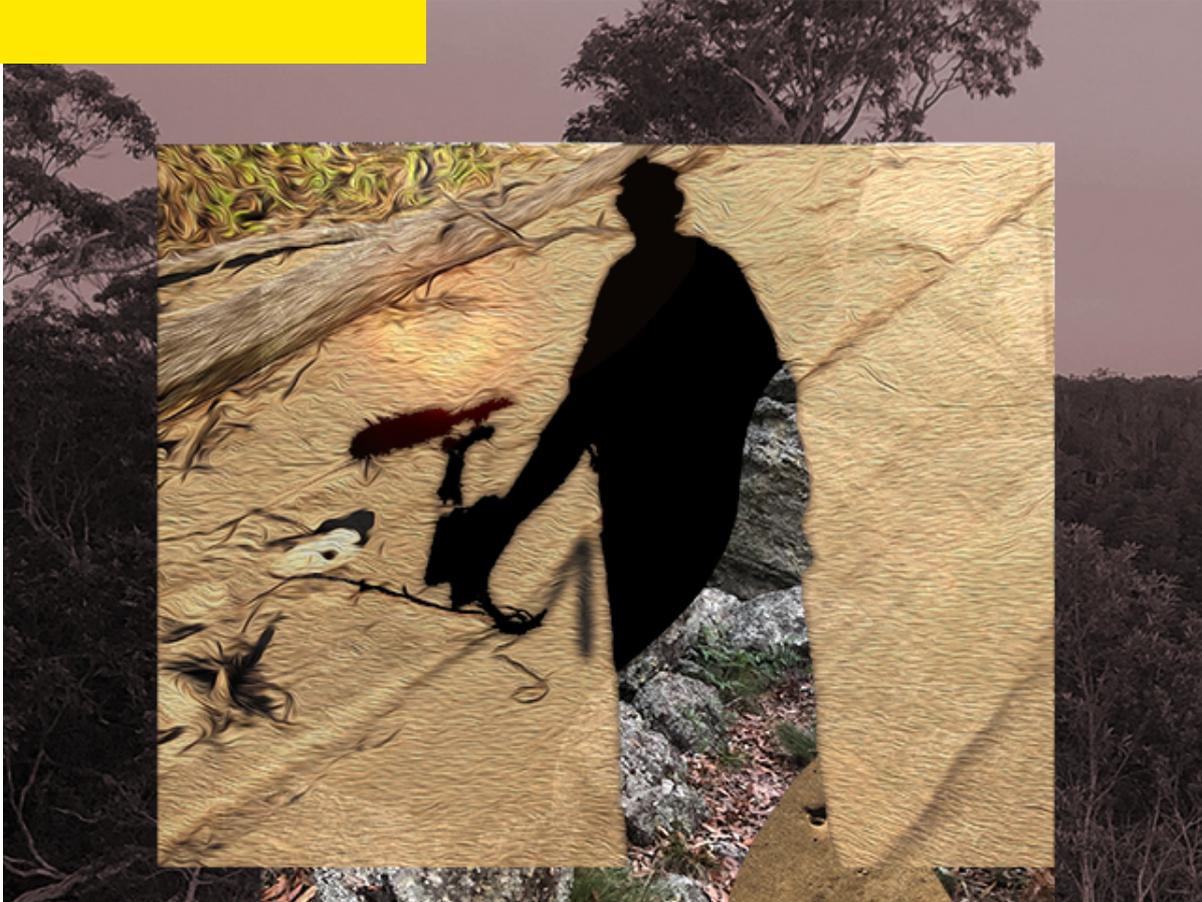




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MUSC3806

Synergies in Sound Technology

Term Three // 2019

Course Overview

Staff Contact Details

Convenors

Name	Email	Availability	Location	Phone
Dr. Adam Hulbert	a.hulbert@unsw.edu.au	Scheduled consultation hours, or by appointment	Robert-Webster 108	9385 1115

School Contact Information

Room 312, level 3 Robert Webster Building

Phone: (02) 9385 4856

Email: sam@unsw.edu.au

Website: <https://sam.arts.unsw.edu.au>

The School of the Arts and Media would like to Respectfully Acknowledge the Traditional Custodians, the Bedegal (Kensington campus), Gadigal (City and Art & Design Campuses) and the Ngunnawal people (Australian Defence Force Academy in Canberra) of the lands where each campus of UNSW is located.

Course Details

Credit Points 6

Summary of the Course

Subject Area: *Music*

This course in sound technology and its creative applications builds on the skills developed in MUSC2803/MDIA1005. You will have the opportunity to evaluate a range of conceptual, stylistic and aesthetic approaches to sound-making, and develop your technical skills when working in the Digital Audio Workstation (DAW), and with sequencing programs. You will gain experience and develop skills in recording and post-production in professional industry-standard studios. Course assessment tasks are structured around specific projects that enable exploration, aesthetic cognition and the development of technical facility in the advanced application of various sound technologies.

Course Learning Outcomes

1. Demonstrate analytical, critical and listening skills in the completion of technical and creative work.
2. Create original sound and music using digital technologies.
3. Undertake independent, self-directed learning and work confidently in the Digital Audio Workstation environment.

Teaching Strategies

Rationale for the inclusion of content and teaching approach

This course builds and expands on previous Sonic Arts stream modules by enabling you to explore and develop your own creative practice in sound technology to an advanced level. This will prepare you with

the technical facility and aesthetic knowledge to progress to Honours.

Teaching strategies

Lectures and supplementary online materials will introduce theory, history, practical tutorials and other important

content. These will be offered for viewing or reading in connection to the themes of the class each week.

A weekly 2-hour Studio in Webster 140 lab develops practical techniques and applications in the Digital Audio

Workstation (DAW) and in sequencing using applications such as Logic Pro. You will also be introduced to

recording, production and post-production in Webster rooms in order to develop and gain proficiency in using

the industry-standard professional sound studios.

Ideally the Studio classes will be streamed by self-selection, according to technical proficiency.

Assessment

Assessment Tasks

Assessment task	Weight	Due Date	Student Learning Outcomes Assessed
Research Task	25%	12/10/2019 05:00 PM	2
Studio Recording Project	30%	26/10/2019 05:00 PM	1,3
Composition Project	45%	23/11/2019 05:00 PM	1,3

Assessment Details

Assessment 1: Research Task

Start date:

Length: 2000 words

Details: Research paper.2000 words.Written feedback and numerical grade from tutor.

Assessment 2: Studio Recording Project

Start date:

Length: 3-5 mins

Details: Studio recording project (3-5 mins). Written feedback and numerical grade from tutor.

Assessment 3: Composition Project

Start date: Not Applicable

Length: 5 mins

Details: Create a substantial original sound composition (approx. 5 mins).Written feedback and numerical grade from tutor.

Attendance Requirements

Students are strongly encouraged to attend all classes and review lecture recordings.

Course Schedule

[View class timetable](#)

Timetable

Date	Type	Content
Week 1: 16 September - 20 September	Topic	Listening Methods The foundation for our exploration! This week introduces some advanced techniques, including deep listening and asemiotic listening.
Week 2: 23 September - 27 September	Topic	Site-specific Installations This week we explore some ways in which sound installations shape our experiences of an environment.
Week 3: 30 September - 4 October	Topic	Studio Recording Methods This week you will be inducted into the use of the studio, and we will explore some approaches to recording and mixing spatial audio.
Week 4: 7 October - 11 October	Topic	Spatial Audio This week we consider the use of spatial audio, including 5.1 surround and ambisonics.
Week 5: 14 October - 18 October	Studio	This week there are no lectures or tutorials - it is set aside for you to work in the studio on your compositions.
Week 6: 21 October - 25 October	Topic	Immersion This week we explore some of the ways that immersion has been approached in audio, and consider the kinds of relations that these works imply.

Week 7: 28 October - 1 November	Topic	<p>Experimental Sound Design</p> <p>This week we revisit synthesis and synthesizers as systems for reconfiguring sound and vision, and we consider some experimental approaches to recording and composition.</p>
Week 8: 4 November - 8 November	Blended	<p>Randomness and limitation</p> <p>This week we explore how randomness and limitation can be used as compositional tools.</p>
Week 9: 11 November - 15 November	Topic	<p>Narrative and Environment</p> <p>This week we explore ways in which the perception of time and space can be evoked in composition.</p>
Week 10: 18 November - 22 November	Topic	<p>Framing the experience: Metanarrative and curation</p> <p>This week we think about how a sound experience is produced through metanarratives and framing.</p>

Resources

Prescribed Resources

For this subject, you'll need the following:

- USB storage device (Hard drive, not memory stick)
- Personal Headphones
- Google Cardboard or similar viewer (<https://vr.google.com/cardboard/get-cardboard>, although are even cheaper on eBay)

Recommended Resources

There is not much opportunity in this advanced course to cover the basics of audio mixing. I recommend the valuable Bobby Owsinski's *Mixing Engineer's Handbook* (<http://www.bobbyowsinski.com/mixing-engineers-handbook.html>). This is available in the UNSW Bookshop and Library.

Course Evaluation and Development

Synergies is developed using myExperience evaluations, and your responses are very important to me! Less formal verbal or email feedback is welcome throughout semester via my email a.hulbert@unsw.edu.au, and many of the best changes have been the result of this. You can make an appointment to chat at my office any time throughout the semester.

Submission of Assessment Tasks

Submission of Assessment Tasks

Turnitin Submission

If you encounter a problem when attempting to submit your assignment through Turnitin, please telephone External Support on 9385 3331 or email them on externalteltsupport@unsw.edu.au . Support hours are 8:00am – 10:00pm on weekdays and 9:00am – 5:00pm on weekends (365 days a year). If you are unable to submit your assignment due to a fault with Turnitin you may apply for an extension, but you must retain your ticket number from External Support (along with any other relevant documents) to include as evidence to support your extension application. If you email External Support you will automatically receive a ticket number, but if you telephone you will need to specifically ask for one. Turnitin also provides updates on their system status on Twitter.

Generally, assessment tasks must be submitted electronically via either Turnitin or a Moodle assignment. In instances where this is not possible, it will be stated on your course's Moodle site with alternative submission details.

For information on how to submit assignments online via Moodle: <https://student.unsw.edu.au/how-submit-assignment-moodle>

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 also applies to images, art and design projects, as well as presentations where someone presents another's ideas or words without credit.

Inappropriate paraphrasing: Changing a few words and phrases while mostly retaining the original structure and/or progression of ideas of the original, and information 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 before the due date, or for the purpose of them plagiarising at any time, 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.

Correct referencing practices:

- Paraphrasing, summarising, essay writing and time management
- Appropriate use of and attribution for a range of materials including text, images, formulae and concepts.

Individual assistance is available on request from The Learning Centre (<http://www.lc.unsw.edu.au/>). Students are also reminded that careful time management is an important part of study and 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 also 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

Some of these areas will be familiar to you, others will be new. Gaining a solid understanding of all the related aspects of ELISE will help you make the most of your studies at UNSW.

<http://subjectguides.library.unsw.edu.au/elise/aboutelise>

Academic Information

For essential student information relating to:

- requests for extension;
- late submissions guidelines;
- review of marks;
- UNSW Health and Safety policies;
- examination procedures;
- special consideration in the event of illness or misadventure;
- student equity and disability;
- and other essential academic information, see

<https://www.arts.unsw.edu.au/current-students/academic-information/protocols-guidelines/>

Image Credit

Field Recording at Bundanon 2018, Photo by Adam Hulbert

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