Technical Information Sheet
Bachelor of Arts in Sound Production
Equipment Requirements

AUDIO

	Mac	PC
Operating System	Mac OS X 11.3 or later	Windows 10 or 11
Processor	**Recommended:** Intel® 7thGen or newer CPU or Apple silicon M1 or newer	**Minimum:** Intel® 6th Gen or newer CPU – or AMD Ryzen™ 1000 Series or newer CPU **Recommended:** Intel® 7th Gen or newer CPU with Quick Sync – or AMD Ryzen™ 3000 Series / Threadripper 2000 series or newer CPU
Display	Optimised for 1920 x 1080 or higher	Optimised for 1920 x 1080 or higher
Memory	**Minimum:** 8GB **Recommended:** 16GB	**Minimum:** 8GB **Recommended:** 16GB
Disk Space/Hard Drive	64GB for Software **Minimum**: 256GB HDD **Recommended:** 256GB SSD	64GB for Software **Minimum**: 256GB HDD **Recommended:** 256GB SSD
Other	USB 3.0 port or Thunderbolt port for CoreAudio - supported audio device	USB 3.0 Port
Year 1 Semester 1		
Principles of Sound * Introduction to Audio Technology * Academic Literacy	**Software:**	
	A Professional Digital Audio Workstation	**Recommended:** ProTools, Ableton, Reaper, Logic X.
	Room EQ Wizard	**Free:** https://www.roomeqwizard.com/
	Vital Synthesizer	**Free Plugin:** https://producer.zone/free-vst-plugins/
	Hardware:	
	Studio Mixing Headphones	**Recommend :** Sennheiser HD-200 PRO, Audio-Technica ATH-M50x
	MIDI Keyboard	AKAI MINI MKII, Novation Launchkey MK3, m-audio axiom air mini 32
	Calibration Microphone	Behringer ECM Pro - Precision Ref Microphone, Presonus PRM 1 - Precision Ref Microphone, Behringer ECM8000.
	SPL Meter	Velleman DEM 200 Sound Level Meters
Year 1 Semester 2		
Music Styles Signal Processing 1 * Electronic Music Production 1 * Applied Music Theory	**Hardware:**	
	MIDI Keyboard	AKAI MINI MKII, Novation Launchkey MK3, m-audio axiom air mini 32
	External Hard Drive	**Minimum:** 500GB, **Recommended:** 2x 1TB
Year 2 Semester 1		
Signal Processing 2* Electronic Music Production 2 Digital Audio Production* Media Literacy and Critical Thinking	**Hardware:**	
	Sound Card with 4 input channels	**Recommended:** Behringer U - Phoria UMC404HD, Focusrite Scarlett 4i4, Audient EVO 8
	Microphone and XLR cable	**Recommended:** STAGG High Quality XLR cable Shure SM57 or SM58, Rode NT1A

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Year 2 Semester 2		
Acoustics **Studio Production 1*** **Social Media and Branding**	**Software:**	
	Room EQ Wizard	**Free:** https://www.roomeqwizard.com/
	SketchUp	**Free:** https://www.sketchup.com/en/plans-and-pricing/sketchup-free
	Hardware:	
	MIDI Keyboard	AKAI MINI MKII, Novation Launchkey MK3, m-audio axiom air mini 32
	Calibration Microphone	Behringer ECM Pro - Precision Ref Microphone, Presonus PRM 1 - Precision Ref Microphone,
	SPL Meter	Behringer ECM8000. Velleman DEM 200 Sound Level Meters
Year 3 Semester 1		
Live Sound Production 1* **Audio Post Production 1*** **Business and Legal Studies** **Research Methodologies**	*Access to live events venue with PA system.* *All previously purchased software and hardware will be used to complete assessments for this semester.*	
Year 3 Semester 2		
The Role of Producers **Studio Production 2*** **Audio Mastering*** **Audio Post Production 2***	*All previously purchased software and hardware will be used to complete assessments for this semester.* **Optional Software for self-study: WAVELAB**	
Year 4 Semester 1		
Creative Project 1 **Studio Production 3*** **Live Sound Production 2** **Electronic Music Production 3*** **Audio Post Production 3***	*All previously purchased software and hardware will be used to complete assessments for this semester.*	
Year 4 Semester 2		
Creative Project 2	*All previously purchased software and hardware will be used to complete assessments for this semester.*	

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