

Technical Information Sheet

Higher Certificate in Sound Production

Equipment Requirements

	Mac	PC
Operating System	Mac OS X 11.3 or later	Windows 10 or 11
Processor	Recommended: Intel® 7th Gen 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* Audio Technology* Applied Music Theory Signal Processing*	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		
Electronic Music Production Creative Project Studio Production	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
	MIDI Keyboard	AKAI MINI MKII, Novation Launchkey MK3, m-audio axiom air mini 32
Year 2 Semester 1		
Acoustics Audio Post Production Audio Mastering Live Sound Production	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, Behringer ECM8000.
	SPL Meter	Velleman DEM 200 Sound Level Meters