

【Acoustic Design Course】

Areas of Study	Subject name	Class form	Units	Hours every week															
				1st year				2nd year				3rd year				4th year			
				Spring	Summer	Autumn	Winter	Spring	Summer	Autumn	Winter	Spring	Summer	Autumn	Winter	Spring	Summer	Autumn	Winter
Design literacy subjects	Design literacy basics	Lecture	1	2															
	Basic of Arts I	Exercise	1					4	4										
	Basic of Arts II	Exercise	1					4	4										
	Basic of Arts III	Exercise	1							4	4								
	Basic of Arts IV	Exercise	1							4	4								
	Design and Humanities	Lecture	1					2											
	Design and Social Sciences	Lecture	1						2										
	Human Science in Design	Lecture	1					2											
	Science and Technology in Design	Lecture	1						2										
	Design Language I	Lecture	1										2						
	Design Language II	Lecture	1											2					
	Design Case Studies I	Lecture	1		2														
	Design Case Studies II	Lecture	1										2						
Course basic subjects	Physiology of Hearing	Lecture	2					4											
	Psychology of Hearing	Lecture	2						4										
	Sound Culture	Lecture	2					4											
	Theoretical Acoustics, Lecture and Seminar I	Lecture·Exercise	2					4											
	Theoretical Acoustics, Lecture and Seminar II	Lecture·Exercise	2						4										
	Acoustic Signal Processing	Lecture	2					4											
	Digital Signal Processing	Lecture	2							4									
Course specialized subjects	Perceptual Psychology	Lecture	2						4										
	Psychometrics	Lecture·Exercise	2									2							
	Electrical Engineering	Lecture	2					2											
	Electronics	Lecture	2							2									
	Information Theory	Lecture	2									2							
	Data Analytics	Lecture	1							2									
	Data Mining I	Lecture	1									2							
	Data Mining II	Lecture	1										2						
	Qualitative Research Methods	Lecture·Exercise	1							2									
	Comparative Musical Theory	Lecture	2						4										
	History of Western Music	Lecture	2							4									
	Seminar on Sound Culture	Lecture·Exercise	2								4								
	Communication in the Arts	Lecture	1									2							
	Musiology	Lecture	2									4							
	Auditory Perception and Cognition	Lecture	2										2						
	Speech Information	Lecture	2									4							
	Digital Signal Processing Seminar	Lecture·Exercise	2									4							
	Acoustic Media Engineering	Lecture	2										4						
	Seminar on Acoustic Media Engineering	Lecture·Exercise	2											4					
	Practical Application of Theoretical Acoustics	Lecture	2									4							
Audio Devices	Lecture	2									4								
Rating and Control of Noise	Lecture	2										4							
Theory of Nonlinear Systems	Lecture	2											4						
Acoustics of Musical Instruments	Lecture	2												4					
Room Acoustics	Lecture	2													4				

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Course specialized subjects	Start-ups and Global Disruptors	Lecture·Exercise	1						2										
	Global Design Innovations	Lecture·Exercise	1						2										
	Design Pitching Skills	Exercise	1							2									
	Intellectual Property Rights : Global Perspective	Lecture·Exercise	1								2								
	International Acoustic Design A I	Lecture·Exercise	1									2							
	International Acoustic Design A II	Lecture·Exercise	1										2						
	International Acoustic Design A III	Lecture·Exercise	1											2					
	International Acoustic Design A IV	Lecture·Exercise	1												2				
	International Acoustic Design B I	Lecture·Exercise	2									4							
	International Acoustic Design B II	Lecture·Exercise	2										4						
	International Acoustic Design B III	Lecture·Exercise	2											4					
	International Acoustic Design B IV	Lecture·Exercise	2												4				
	Internship I	Experiment·Practice	1											2				2	
	Internship II	Experiment·Practice	1											2				2	
Course exercises subjects (PBL)	Technical Listening Training I	Lecture·Experiment·Practice	1			2													
	Technical Listening Training II	Lecture·Experiment·Practice	1					2											
	Computer Programming for Acoustics	Exercise	2						4										
	Electronics Laboratory	Experiment·Practice	2									4							
	Music Theory and Expression	Lecture·Exercise	2					6											
	Advanced Music Expression I	Exercise	1							4									
	Advanced Music Expression II	Exercise	1								4								
	Generative Sounds	Exercise	2									6							
	Fundamental Sound Recording and Creation	Lecture·Experiment·Practice	2						6										
	Environmental Sound Recording and Creation	Lecture·Experiment·Practice	2								6								
	Acoustic Experiments I	Exercise	2									6							
	Acoustic Experiments II	Exercise	3											6					
Transdisciplinary Projects / Platform	Transdisciplinary Projects A	Exercise	4					8	8			8	8			8	8		
	Transdisciplinary Projects B	Exercise	4					8	8			8	8			8	8		
Graduation research / Design	Senior Project I	Exercise	4													8		8	
	Senior Project II	Exercise	4													8		8	