

Game Design Programme

(*The Study Plans provided on the SAI website are for reference only. For the official versions, please refer to the documents published on the AR website.)

Programme Structure (2025 cohort)	Unit	Year 1		Year 2		Year 3		Year 4	
		S1	S2	S1	S2	S1	S2	S1	S2
Common Core Courses	12	3		3	0	3	3		
Common Core Required Courses	9	3		3	0	3			
Data Structure and Algorithms (=Data Structure)					0				
JavaScript for Art and Design		3							
Python for Visual Culture				3					
AI for Art Students						3			
Common Core Elective Courses	3						3		
Major Required Courses	60	3	9	6	12	12	9	6	3
Fundamentals of Communication		3							
Foundations of Programming for Game Design			3						
Studio Art Practices: Drawing Fundamentals			3						
Fundamentals of Digital Design			3						
Narrative Design for Games				3					
2D Platform Game				3					
Data Structure					3				
3D Modelling and Animation					3				
Game Design and Prototyping					3				
Game Studies					3				
Fundamentals of Computer Graphics						3			
3D Game Development						3			
Game Project Planning and Production Management						3			
Character Design						3			
Game Physics							3		
Level Design							3		
Sound Design and Music for Games							3		
Virtual Reality Art								3	
Generative AI Workflow for Media								3	
Final Year Project (GD)									3
Major Elective Courses	12					3	3	3	3
University Core Courses	37	12	11	8	6				
University Chinese			3						
English for Academic Purposes I		3							
English for Academic Purposes II			3						
Introduction to AI Literacy		3							
Introduction to Modern Social Theories					3				
Morality and Foundations of Law			3						
Chinese Culture and Modern China				3					
Contemporary Chinese Society and Thought I		3							
Contemporary Chinese Society and Thought II				3					
Contemporary World and China					2				
Military Training		2							
Emotional Intelligence			1						
Experiential Arts				1					
Voluntary Service, or Environmental Awareness					1				

Programme Structure (2025 cohort)	Unit	Year 1		Year 2		Year 3		Year 4	
		S1	S2	S1	S2	S1	S2	S1	S2
Healthy Lifestyle		1	1	1					
General Education Courses	18	3	3		6	3	3		
History and Civilization (Level 1)					3				
Quantitative Reasoning (Level 1)		3							
Values and the Meaning of Life (Level 1)			3						
Interdisciplinary Thematic Courses (Level 2)					3	3			
Capstone Courses (Level 3)							3		
Free Elective Courses	9							9	
Total Unit	148	21	23	17	24	21	18	18	6