

DAT Degree Plans

Game Audio Programming Degree Plan – 128 credits

First Term				
✓	Class	Title	Cr	Prerequisite
	ENG100	English Composition	3	ENG050 or Placement Test
	MATH143	Calculus I	4	MATH116 or placement exam
	SWE110	C. Programming	4	High School Algebra
	ENG100	English Composition	3	ENG050 or Placement Test
Second Term				
✓	Class	Title	Cr	Prerequisite
	HUM122 or HUM125	World Music or Western Music	3	None
	HUM120 or HUM130	History of Western Art or Modern Art History	3	None
	MATH134	Calculus II	3	MATH133
	SCI145	Physics I	4	MATH133
	DAT115	Desktop Audio Production	3	DAT100
Third Term				
✓	Class	Title	Cr	Prerequisite
	DAT220	Studio Recording I	3	DAT115
	ENG228 or ENG227	Creative Writing Scriptwriting	3	ENG100, HUM120 or 130, HUM122 or 125
	HUM200	History of the Modern World	3	ENG100
	SCI245	Physics II	4	SCI145
	PENG240	Applied Probability and Random Processes	3	MATH134
Fourth Term				
✓	Class	Title	Cr	Prerequisite
	DAA207	Creativity and Content Development	3	HUM120 or HUM130
	DAT210	Sound Synthesis and Orchestration	3	DAT115
	DAT212	Interactive Audio Production	3	DAT210
	HUM227 or HUM230	Film History or History of Animation	3	ENG100
	HUM245	Nature of Interactive Audio	3	HUM122 or HUM127

Game Audio Programming Degree Plan Continued

Fifth Term				
✓	Class	Title	Cr	Prerequisite
	DAA350	Game Design I	3	DAA207
	DAT320	Studio Recording II	3	DAT220
	DAT386	Game Collaboration	3	none
	SWE212	Computer Programming II: Java	4	SWE110
	SWE310	Data Structures	4	SWE110
	DAA207	Creativity and Content Development	3	HUM120 or HUM130
	DAT310	Digital Orchestration	3	DAT280, Upper Division
	DAT320	Studio Recording II	3	DAT 220, Upper Division
	ELE350	Digital Circuits I: Design	4	SCI245
Sixth Term				
✓	Class	Title	Cr	Prerequisite
	HUM361	Contemporary Ethical Issues	3	HUM200, SSC200, ENG227 or ENG228
	ENG310 or ENG320	Western Drama or World Drama	3	ENG227 or ENG228, HUM127 or HUM230
	DAT360	Digital Signal Processing	3	ELE312
	ELE350	Digital Circuits I: Design	4	SCI245
	SWE315	Object-Oriented Programming	4	SWE310
Seventh Term				
✓	Class	Title	Cr	Prerequisite
	DAT250	Programming Interactive Audio	3	SWE110
	DAT335	Music Perception and Cognition	3	SCI220
	DAT365	Digital Filter Design	4	DAT360
	DAT486	Game Studio	3	DAT386 or Advisor Approval
	SSC200	U.S. Government	3	ENG100
Eighth Term				
✓	Class	Title	Cr	Prerequisite
	DAT486	Game Studio	3	DAT386 or Advisor Approval
	HUM400	GE Capstone Research Project	3	ENG310 or ENG320, SSC332, HUM361, senior status
	SCI999EL	Science Elective	3	
	SSC332	Global Political Economics	3	HUM200 and SSC200
	UDE999EL	Upper Division Elective DT/ELE/SWE	5	