

B.S. Digital Audio Technology Audio Software Development & Engineering 130 Credits

Remedial Courses * **				
✓	Course number	Course Name	Credits	Prerequisite
	MATH050	Basic Algebra	***3	None
	ENG050	Grammar and Composition	***3	None
Additional Math Course ***				
✓	Course number	Course Name	Credits	Prerequisite
	MATH116	Pre-Calculus	***4	Placement Test or MATH050
Trimester 1 & 2				
✓	Course number	Course Name	Credits	Prerequisite
	DAT110	Desktop Production Fundamentals ◊	3	None
	HUM100	Disruptive Imagination ◊	3	None
	ENG100	English Composition ◊	3	Placement Test or ENG050
	MATH143	Calculus 1 ◊	4	Placement Test or MATH116
	DAT120	Introduction to the Techniques of Digital Signal Processing ◊	3	MATH116
	DAT115	Desktop Audio Production	3	DAT110
	CS110	C Programming	4	MATH112 or MATH115 or MATH116 or MATH143
	MATH145	Calculus 2	4	MATH143
	SCI145	College Physics 1	4	MATH143
	DAT212	Introduction to Game Audio	3	DAT115
		◊ Recommended first term courses		
Trimester 3 & 4				
✓	Course number	Course Name	Credits	Prerequisite
	MATH245	Calculus 3	3	MATH145
	GE Course	Please see General Education Requirements	3	As Required
	DAT210	Digital Sound Synthesis	3	DAT115
	CS285	C++ Programming: Object-Oriented Programming	4	CS110
	SCI245	College Physics 2	4	SCI145
	GE Course	Please see General Education Requirements	3	As Required
	DAT220	Studio Production 1	3	DAT115
	CS295	Data Structures and Algorithms	4	CS110 or CS285
	MATH240	Applied Probability and Random Processes	3	MATH145
	GE Course	Please see General Education Requirements	3	As Required

* Remedial classes are required when a placement test is not passed.

** Remedial class credits are not counted towards earning a degree.

Trimester 5 & 6				
✓	Course number	Course Name	Credits	Prerequisite
	MATH346	Applied Differential Equations	3	MATH145
	DAT335	Music Perception & Cognition	3	SCI100 or SCI101 or SCI102 or SCI145
	CS340	Software Engineering Methods and Project 1	3	CS285
	GE Course	Please see General Education Requirements	3	As Required
	DAT350	Audio Programming	3	CS295 or SWE310
	DAT360	Digital Signal Processing	3	MATH245
	DAT320	Studio Production 2	3	DAT220
	GE Course	Please see General Education Requirements	3	As Required
	DAT366	Digital Audio Filters	3	DAT360
	GE Course	Please see General Education Requirements	3	As Required
Trimester 7 & 8				
✓	Course number	Course Name	Credits	Prerequisite
	DAT450	Audio Software Development	3	DAT360
	Elective	Elective or Internship	3	As Required
	GE Course	Please see General Education Requirements	3	As Required
	DAT475	Audio Software Development Collaborative Project	3	CS340 and DAT450
	DAT481	Audio Engineering Project 1	3	DAT350
	Elective	Elective or Internship	3	As Required
	GE Course	Please see General Education Requirements	3	As Required
	DAT487	Audio Engineering Project 2	3	DAT481
	Elective	Elective or Internship	3	As Required
	GE Course	Please see General Education Requirements	3	As Required
	GE Course	Please see General Education Requirements	3	As Required

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