

Game Sound, Undergraduate Certificate

Visit the Digital Media Department page (<https://www.uvu.edu/digitalmedia/>) for more information on the program and access to advising.

Program Description

The Game Sound, Undergraduate Certificate is a mid-level certificate intended for students who want to build on their previous knowledge of audio and expand in the direction of video game sound. Students will learn the basic skills necessary to design sound for games, implement sounds into the game engine, design audio systems within audio middleware and work on a game development team. It is expected that students already be familiar with basic audio tools such as Digital Audio Workstation (DAW), compressors, equalizer's (EQ), time-based effects, etc.

Program Requirements

Code	Title	Credit Hours
Total Credit Hours		27
Discipline Core Requirements		18
		Credits
DAPR 2300	Sound for Games I	3
DAPR 3300	Sound for Games II	3
DAPR 3340	Spatial Audio I	3
DAPR 3345	Spatial Audio II	3
DAPR 2170	Sound Design for Visual Media I	3
DAPR 2171	Sound Design for Visual Media II	3
Elective Requirements		9
		Credits
Complete at least 9 credits from the following:		9
DAGV 1700	Game Development Essentials (3)	
DAPR 3230	Audio Plugin Development I (3)	
DAPR 3235	Audio Plugin Development II (3)	
CS 1400	Fundamentals of Programming (3)	
CS 1410	Object Oriented Programming (3)	
DAPR 3170	Post-Production Sound for Cinema I (3)	
DAPR 3171	Post-Production Sound for Cinema II (3)	
DAPR 2110	Production Sound for Cinema (3)	
DAPR 2250	Audio Hardware Basics (3)	
DAPR 2255	Audio Hardware I (3)	
DAPR 3255	Audio Hardware II (3)	
DAPR 3430	Recording Studio Design Principles and Practices (3)	
DAPR 3240	Advanced Audio Restoration and Forensics (3)	
DAPR 3580	Live Sound Reinforcement (3)	
DAPR 3060	Producing Audio (3)	
DAPR 3030	Digital Audio Workstation Training III (3)	
DAPR 3031	Digital Audio Workstation Training IV (3)	

Graduation Requirements

1. Completion of a minimum of 27 credits.
2. Residency hours--minimum of 9 credit hours through course attendance at UVU.
3. Students must have a minimum AGGREGATE GPA of 2.0 (C letter grade) or higher.
4. Students must have an individual GPA in EACH CORE COURSE in Game Sound, Certificate of Proficiency of 2.5 (B minus) or higher.

Graduation Plan

This graduation plan is a sample plan and is intended to be a guide. Your specific plan may differ based on your Math and English placement and/or transfer credits applied. You are encouraged to meet with an advisor and set up an individualized graduation plan in Wolverine Track (<http://www.uvu.edu/wolverinetrack/>).

First Year

Semester 1		Credit Hours
DAPR 3340	Spatial Audio I	3
DAPR 2170	Sound Design for Visual Media I	3
DAPR 2300	Sound for Games I	3
Program Elective		3
Program Elective		3
Credit Hours		15
Semester 2		
DAPR 2171	Sound Design for Visual Media II	3
DAPR 3345	Spatial Audio II	3
DAPR 3300	Sound for Games II	3
Program Elective		3
Credit Hours		12
Total Credit Hours		27

Program Learning Outcomes

1. Employ advanced game sound tools and techniques in a professional game studio environment.
2. Interpret how individual game development elements can combine to create something of superior quality.
3. Create game projects that involve other students, faculty, community members and industry professionals.
4. Generate solutions to narrative, musical, game design, hardware and software problems in a singular and outstanding way.

Art, drama, and music teachers, postsecondary

- Total Positions 127,400
- Field Growth 2.7%
- Median Salary \$80,360
- Average Openings 9.9

Music directors and composers

- Total Positions 50,300
- Field Growth 2.7%
- Median Salary \$62,590
- Average Openings 5.1