DXARTS 463 B: ADVANCED DIGITAL SOUND SYNTHESIS AND PROCESSING

- Autumn 2018

**Meeting Time:** MW 2:30pm - 5:20pm

**Location:** RAI 205

**SLN:** 23490

**Instructor:** Daniel Peterson

**Catalog Description:**
Advanced sound processing and synthesis techniques. Includes sound time warping; analysis-synthesis techniques; linear predictive coding; the phase vocoder; frequency-domain sound transformations; introduction to physical modeling. Prerequisite: DXARTS 462/MUSIC 402. Offered: jointly with MUSIC 403; Sp.

**GE Requirements:**
Visual, Literary, and Performing Arts (VLPA)

**Credits:** 5.0

**Status:** Active

**Last updated:** October 17, 2018 - 9:04pm

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