DXARTS 460: DIGITAL SOUND

- Autumn 2020

**View in MyPlan**
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Meeting Time: TTh 2:30pm - 4:20pm

Location: **
SLN: 13799
Instructor: Ewa Trębacz

Ewa Trębacz
**View profile**

**ADDITIONAL DETAILS:**

DXARTS 46x series (a.k.a. Sound Series) consists of the following courses:

- DXARTS 460 Digital Sound
- DXARTS 461 Digital Sound Synthesis
- DXARTS 462 Digital Sound Processing (prerequisite: DXARTS 461)
- DXARTS 463 Advanced Digital Sound Synthesis and Processing (prerequisite: DXARTS 462)

For most students we recommend beginning with DXARTS 460.

It is a project-based course focused on creating **electroacoustic sound compositions**. Among other things, this first course lays down the basic conceptual foundations for working with Digital Sound. These foundations are both technical and aesthetic, including a review of important musical examples, the fundamentals of acoustics, psychoacoustics and digital sound theory and basics of recording techniques.

A few musical examples of computer music in the Western "Art Music" tradition, available through the UW Library below. If you are off campus, and would like to access **Naxos Music Library (NMLP)** via UW Library, you would need to download Husky OnNet software, which will allow for a secure connection to the UW network:

[https://itconnect.uw.edu/connect/uw-networks/about-husky-onnet/use-husky-onnet/Links to an external site.](https://itconnect.uw.edu/connect/uw-networks/about-husky-onnet/use-husky-onnet/Links to an external site.)

When you run the program, you need to select “All Internet Traffic” instead of “UW Campus Network Traffic Only”.

- Parmegiani, Bernard. *De natura sonorum* (1975)

**DXARTS 460: WHAT IS IT NOT?**
• It is **not** a course in multi-track studio recording.
• It is **not** a course in the use of MIDI keyboards, synthesizers, or sequencing.
• It is **not** a course in analog synthesis.
• It is **not** a course on popular song arranging or specific techniques used in dance music, techno, etc.
• It is **not** a course on DJ-ing.
• It is **not** a course on sound design for theater or film.
• It is certainly **NOT** a quick and easy way to get 5 credits.

**Catalog Description:**

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

**Credits:** 5.0

**Status:** Active

**Last updated:** July 16, 2020 - 9:02pm

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