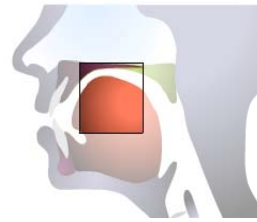
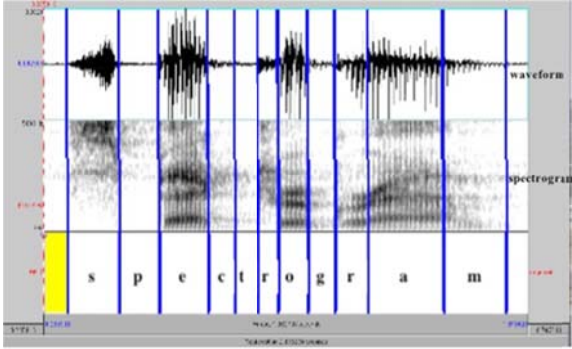
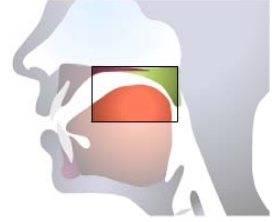


EN 4990 & 6990

PHONETICS



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COURSE DESCRIPTION

This course focuses on the physical and linguistic aspects of speech sounds, including how those sounds are articulated, how they are transcribed using the International Phonetic Alphabet (IPA), how they are acoustically measured, and how they are perceived. Topics to be covered include anatomy and physiology of the speech production apparatus, transcription and production of the world's sounds, basic acoustics, and computerized methods for speech analysis. This course also provides students with opportunities for hands-on experience with experimental methods used in phonetics via practice sets and a final project. Prerequisite: EN 4403/6403 or AN 4403/6403 Introduction to Linguistics or Instructor Consent.

BY THE END OF THE SEMESTER, YOU WILL BE ABLE TO:

- identify the parts of the vocal tract and the role of each in speech production.
- transcribe English and non-English speech using the International Phonetic Alphabet.
- use aerodynamics and the physics of sound to explain speech production.
- analyze the acoustic properties of speech using acoustic analysis software.
- collect and perform preliminary analyses on perception and production data.

FALL 2014

DR. WENDY HERD

MW 2:00 – 3:15 PM