

# COURSE DETAIL

## ACOUSTICS AND AUDITORY PHONETICS

**Country**

Japan

**Host Institution**

Waseda University

**Program(s)**

Waseda University

**UCEAP Course Level**

Upper Division

**UCEAP Subject Area(s)**

Linguistics

**UCEAP Course Number**

114

**UCEAP Course Suffix****UCEAP Official Title**

ACOUSTICS AND AUDITORY PHONETICS

**UCEAP Transcript Title**

AUDITORY PHONETICS

**UCEAP Quarter Units**

6.00

**UCEAP Semester Units**

4.00

## Course Description

This course introduces theories of acoustic and auditory phonetics, and demonstrate basic techniques for computational analysis of speech sounds. The course covers the anatomy and physiology of the speech and auditory organs, physics of speech, speech production and perception, and basic theories of speech recognition and synthesis. The classes consist of both lectures and practical sessions to conduct speech analysis. Assessment: two quizzes, final written exam, report, weekly practical exercises.

## Language(s) of Instruction

English

## Host Institution Course Number

LNGT382L

## Host Institution Course Title

ACOUSTICS AND AUDITORY PHONETICS

## Host Institution Campus

School of International Liberal Studies

## Host Institution Faculty

## Host Institution Degree

## Host Institution Department

SILS - Linguistics

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