

**The Ohio State University
College of Arts and Sciences
Department of Linguistics**
AI Language and Mind – Type 1a, 1b, and 2 (AIL&M1A-CR, AIL&M1B-CR, AIL&M2-CR)

Advising Contacts:

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The AI Language and Mind Certificate affords students the opportunity to explore issues regarding the myriad relationships between AI, language, and mind. Some of these issues are longstanding ones regarding the nature of mind – e.g. what consciousness is, and whether thinking machines are possible. Other issues concern the potential scientific implications of AI technologies for the study of human language and cognition. Still others concern the practical implications of these technologies for various domains of human endeavor.

The certificate consists of 12 credit hours.

NOTE: While there are no prerequisite courses for the certificate as a whole, many courses below require prerequisites. Please consult the course catalog for details before enrolling.

Required Foundational Course: (1 course; 3 CH)

Choose 1 course from the options below:

- LING 3804 - AI Models of Language (3)
- CSE 3521 - Survey of Artificial Intelligence I: Basic Techniques (3)
- CSE 5052 - Survey of Artificial Intelligence for Non-Majors (3)

Elective courses: (3 courses; 9 CH)

Choose 3 courses from the options below. All three courses must be from different departments. At least one course must come from the “Theory” category; at least one course must come from the “Practical” category.

Theory Courses

- ACCAD 5301 - Devising Experiential Media Systems (3)
- LING 3701(H)/PSYCH 3371(H) - Language and the Mind (3)
- LING 3802 - Language and Computers (3)
- PHILOS 3800 - Philosophy of Mind (3)
- PHILOS 3820 - Philosophy of Perception (3)
- PHILOS 3830 - Consciousness (3)
- PHILOS 5840 - Advanced Philosophy of Cognitive Science (3)
- PSYCH 3312 - Memory and Cognition (3)
- PSYCH 3513 - Introduction to Cognitive Neuroscience (3)

Practical Courses

- COMPSTD 2340 - Intro to Cultures of Science & Technology (3)
- COMPSTD 2367.04 - Science Technology & Culture in the US (3)
- CSE 5525 - Foundations of Speech and Language Processing (3)
- GEOG 3703 - Living with Artificial Intelligence (3)
- LING 3802 - Language and Computers (3)

Required Portfolio: (0 courses; 0 CH)

During the term in which they will complete their 12 credit hours, students must complete a reflective portfolio on their coursework through a PebblePad workbook which will be shared through the PebblePad Resources Store upon declaring the certificate.

AI Language and Mind Certificate Program Guidelines

Credit hours required: A minimum of 12.

Overlap with courses in degree:

- The certificate must be in a different subject than the major
- Max 100% overlap with courses in a major, minor, other certificate, or the General Education

Grades required:

- Minimum C- for a course to be counted on the certificate
- Minimum 2.00 cumulative GPA for all certificate course work

X193 credits: Not permitted.

Declaring the certificate

In order to declare the certificate, students must meet with Liz McCullough prior to the filing of the certificate completion paperwork and/or graduation application. Please email mccullough.136@osu.edu to make an appointment.

Approval of coursework

Initial approval of the certificate coursework.

Students should obtain a signed certificate program form from the Department of Linguistics that outlines their planned coursework. If a student’s coursework changes after this form has been completed, additional approval(s) may be required. Please email mccullough.136@osu.edu for further guidance.

Approval for courses not listed on this form to apply to the certificate program:

To apply courses not listed on this sheet toward the AI Language and Mind certificate, the coursework must be approved by the Department of Linguistics. Please email Liz McCullough, at mccullough.136@osu.edu to request approval.

College of Arts and Sciences. Curriculum and Assessment Services
306 Dulles Hall, 230 Annie & John Glenn Ave.
<http://artsandsciences.osu.edu>

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