

Linguistics is the scientific study of language. At the core of Linguistics are investigations of the structure of language, how languages are learned, how languages vary, and how language influences the way we interact with other humans, language technologies, and the world in general.

The **MS** in Linguistics at UNT is a STEM-designated program that prepares graduates for careers in a variety of industries, including natural language processing (NLP), data science, machine learning, and AI engineering, as well as traditional careers in language documentation and archiving and general areas such as education, law, and government.

- 12 Hours Core Courses
- 24 Hours Foundation Courses

## **Admissions Considerations**

- Open to students from all majors
- GRE Not Required
- Average GPA of Admitted Students is 3.75 (last 2 semesters)
- Minimum GPA is 3.0

# **Funding**

• Competitive Graduate Assistantships and Scholarships are Available

## **Marketable Skills**

- Language structure analysis
- Analyze language function and use
- Analyze diverse populations' linguistic behaviors
- Critical thinking
- Formulate solutions to complex issues



COLLEGE OF INFORMATION



## Why choose UNT's M.S. in Linguistics?

- Students interested in careers in computational linguistics, natural language processing, language documentation and revitalization, linguistic fieldwork, information technology, translation and interpreting, speech pathology, teaching English as a second language, and more.
- Professionals in any field who need to organize and work with large amounts of data, and who need to learn to present information efficiently.
- Faculty are widely published in leading journals and are active and visible participants in professional organizations.
- Students interested in pursuing a Ph.D. in Linguistics and entering academia.

#### **Possible Career Paths**

- Computational Linguist
- Editor
- Educational Design
- ESL Instructor
- Government/Analyst
- Language Data Researcher
- Language Education
- Lexical Developer
- UX Researcher

#### Required courses for the MS in Linguistics:

- LING 5070 Research Design in Linguistics
- LING 5300 Phonology I
- LING 5310 Syntax I
- LING 5530 Semantics and Pragmatics I

Plus an additional eight courses in areas such as Computational Linguistics, Sociolinguistics, and Natural Language Processing, in consultation with the graduate advisor.

Note: If your undergraduate major is not closely related to Linguistics, you will also be required to take LING 5040 Principles of Linguistics in your first semester as a leveling course.



#### **Optional Concentrations:**

**COMPUTATIONAL LINGUISTICS** develops skills in linguistic analysis that can then be applied to the design of computational systems for automating linguistic analysis for voice enabled devices, predictive input to machine translation technologies. We also offer courses on how computational methods can support the work of documenting endangered languages, which combines department strengths in Language Documentation and Computational Linguistics.

**LANGUAGE DOCUMENTATION** focuses on collecting and analyzing linguistic data and on how to preserve it in archives for use in the future. We offer courses on scientifically sound and ethically appropriate data-collection methodologies, gold-standard archiving practices and methods for data mining.

**ENGLISH AS A SECOND LANGUAGE (ESL)** prepares students for careers in teaching English as a second language and/or foreign language and language arts instruction for K-12 (with additional certification and course work from the College of Education). It also serves as an excellent foundation for doctoral studies in second language acquisition and ESL.

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