Computational Linguistics Certificate

Computational Linguistics is an interdisciplinary field using the tools of linguistics to help analyze how machines process language and using computational tools to investigate how humans process language. Expertise in the field can prepare students for jobs in technology and experience design (for example, designing better translators, voice activated devices such as smart speakers, or AI enhanced technology).

Program Requirements

(13 semester hours minimum)

Code	Title	Credit Hours
Required Courses		
LIN 201	Introduction to Linguistics	3
LIN 210	Special Topics in Language Awareness [1]	3
MTH 433	Applied Linear Algebra	3
or LIN 460	Capstone in Linguistics	
Select one of the following two options:		**4-8**
Option 1		
MTH 133	Mathematical Foundations of Data Analytics	
Option 2		
MTH 141	Business Calculus	
or MTH 151	Calculus I	
and at least one of the following courses:		
MTH 222	Introduction to Linear Algebra	
MTH 231	Elements of Discrete Mathematics	
MTH 246	Linear Algebra and Differential Equations for Engineers	
Total Credit Hours		**13-17**

[1] Only LIN 210F, *Computational Linguistics*, applies.