

# CSC 4598: Machine Translation

Exploration of the broad field of machine translation; automated computer systems that translate human language using statistical approaches; digital representation transformations, such as readability and sentiment analysis, spam filtering, plagiarism detection, and other natural language processing techniques; building machine translation systems using real-world data; formulating and investigating research questions in machine translation; typically includes collaboration with a non-Computer Science course on interdisciplinary, team-based student projects.

**Credits:** 3

**Prerequisites:**

CSC 1052

ECE 2620

(CSC 1052 or ECE 2620)

**Program:** [Computing Sciences](#)