

# CSC3100 - Fundamentals of Speech and Language Processing

## MDS6002 - Natural Language Processing

Image: catalyst-magazine.org



## Lecture 3: Understanding sound and acoustics

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# Agenda

- ▶ Sound and its journey
- ▶ Digital sound wave
- ▶ Time domain vs frequency domain
- ▶ Quantifying sound
  - Physical property
  - Perceptual property