**Upon graduation with a MS in Electrical and Computer Engineering:**

**Core Knowledge**

- Students should demonstrate broad knowledge in at least one broad area of Electrical and Computer Engineering, including Computer Engineering, Electronics and Photonics, Communication, Signal Processing, or Control.
- Students should demonstrate significant expertise in one area of Electrical and Computer Engineering.

**Research Methods, Analysis, and communication**

- Students should master qualitative and quantitative analysis tools relevant to their area of specialization.
- Students should be able to perform a critical analysis of technical literature in their area of specialization.
- Students should demonstrate their ability to communicate technical results to their peers.