

Samueli School of Engineering
Mechanical and Aerospace Engineering

Core Knowledge. Students will be able to:

- Demonstrate general knowledge of core topics and theory in their focus area necessary for professional practice and/or scholarly research.

Pedagogy. Students will be able to:

- Communicate effectively to large and small groups in pedagogical settings in lecture and/or discussion formats.

Scholarly Communication. Students will be able to:

- Structure a coherent academic argument that rigorously presents and evaluates research data.
- Make clear and cogent presentations, and professional documents that summarize their research and its significance. Independent

Research. Students will be able to:

- Develop independent research projects that demonstrate theoretical and methodological rigor.