

**Samueli School of Engineering**  
**Civil and Environmental Engineering Program Learning Outcomes**

**Core Knowledge.** Students will be able to:

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

**Research Methods and Analysis.** Students will be able to:

- Understand the range of qualitative and quantitative methodologies typically used in their focus area.
- Demonstrate ability to critically analyze research literature.

**Professionalism.** Students will be able to:

- Understand contemporary professional issues in their focus area.
- Demonstrate effective and professional communication.