ENGINEERING, LAW, AND POLICY

Learning Outcomes

Through this program, students will acquire the skills to:

1. Develop solutions to complex societal problems by applying systems thinking and principles of engineering system and integrating perspectives from law, policy, engineering, and ethics;

2. Recognize, analyze and explain the fundamental principles of advanced topics in technology, technology policy, and law;

3. Connect local, national, and global problems, resources, and solutions;

4. Use language and concepts in ways that are consistent with how the law works, explain legal reasoning and analysis, critically read and analyze legal information, and identify and avoid the unauthorized practice of law;

5. Identify, interpret and explain interdisciplinary and trans-disciplinary perspectives and find common ground among them on which to build solutions;

6. Distinguish, analyze and model engineering systems, legal systems, and policymaking systems; communicate the interplay between such systems in regard to emerging technologies and their integration into existing systems;

7. Perform productively on an interdisciplinary team where members together provide leadership, and create a collaborative and inclusive environment;

8. Communicate effectively across disciplines with a range of audiences and stakeholders.