## SYS 50000 PERSPECTIVES ON SYSTEMS

This course will provide students with an introduction to various quantitative and qualitative approaches to systems, with case studies, concepts, and readings to support interdisciplinary project work.



✓ Project Based Learning







- Complexity
- Systems Thinking
- System Dynamics
- Cybernetics
- Component-Whole integration
- Agent-based modeling
- Robustness and Resilience
- Deep Learning
- Generative Al
- Industry 4.0
- Internet of Things

