New Course Proposal

BUSO758 : Law and Regulation of Unchartered Technologies

Active Dates

Course Type: PTMBA/OMBA
Start Term: Summer I, 2026 (May 18, 2026 to July 2, 2026)

Course Information

Course Prefix: BUSO
Course Number: 758 (unknown suffix)
Course Title: Law and Regulation of Unchartered Technologies
Transcript Title: Law and Regulation of Unchartered Technologies
Description: This course examines the legal and regulatory frameworks governing emergent technologies as they transition from terrestrial to space-based applications. Students will analyze the intersection of established space law principles with rapidly evolving technologies including artificial intelligence, blockchain, nuclear power, and satellites. Through case studies and comparative regulatory analysis, the course explores how businesses and governmental entities navigate jurisdictional challenges, liability issues, and compliance requirements when deploying advanced technologies beyond Earth's atmosphere. Topics include international space treaties, national regulations, privacy and intellectual property considerations in orbit, data sovereignty in extraterrestrial contexts, and the evolving governance structures for commercial space activities.

Grading Method: Regular

Course Hours

Credits: 2
Semester Type: Summer - Online

Course Requisites

Prerequisites: None

Learning Outcomes

Learning Outcomes:

1. Analyzing legal frameworks by evaluating and comparing the application of US law and regulations of emergent technologies with international space law treaties and other applicable laws surrounding commercial space activities.

2. Identify and assess regulatory compliance requirements, jurisdictional challenges, and liability exposure for organizations deploying emergent technologies in space-based operations across multiple legal regimes.

3. Synthesize legal, technical, and business considerations to formulate strategies for organizations to capitalize on opportunities in the space economy while ensuring regulatory compliance and ethical technological deployment.

4. Critically examine privacy, intellectual property protection mechanisms, and data sovereignty issues in extraterrestrial contexts, and propose governance solutions for emerging technological applications beyond Earth.