

# Space Systems - SPCE

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## Courses

**SPCE 6000 INTRODUCTION TO SPACE STUDIES (3) LEC. 3.** An introduction to the space environment, operating in space, satellite design, and applying satellite technology to provide services and capabilities to a variety of user groups.

**SPCE 6100 SPACE SYSTEMS OPERATIONS (3) LEC. 3. Pr. (SPCE 6000).** An overview of space systems operations, operational orbits, orbital maneuver, station keeping, different stakeholders' mission operations, avoiding on-orbit crisis, and satellite/constellation end of life.

**SPCE 6200 SPACECRAFT AND SATELLITE ARCHITECTURE DESIGN AND INTEGRATION (3) LEC. 3. Pr. (SPCE 6100).** An overview of spacecraft and satellite architecture design followed by a practicum to apply lessons learned to create a space mission design that provides services and capabilities to a specific user group.