

ENGINEERING MECHANICS: AEROSPACE ENGINEERING

The aerospace engineering option in engineering mechanics prepares students for design, development, and research, with an emphasis on applied mathematics and aerospace engineering. Its purpose is to improve and expand the educational opportunities of students at the university who wish to pursue careers in aerospace engineering and related areas. This is accomplished by providing in-depth exposure to course sequences in flight dynamics, dynamics of aerospace structures and orbital mechanics, as well as a core curriculum of structural and material analysis, advanced dynamics, and vibrations. The program requires a minimum of 128 credits; students selecting this option must submit an option declaration form to the dean's office in room 2620 Engineering Hall.