

ENGINEERING MECHANICS: ASTRONAUTICS

Admissions to the Engineering Mechanics: Astronautics Named Option have been suspended as of fall 2020 and will be discontinued as of fall 2026. If you have any questions, please contact the department (<https://engineering.wisc.edu/departments/mechanical-engineering/>).

The astronautics option in engineering mechanics prepares students for design, development, and research, with an emphasis on applied mathematics and astronautics. Its purpose is to improve and expand the educational opportunities of students at the university who wish to pursue careers in astronautics and space-related areas. This is accomplished by providing in depth exposure to course sequences in astrodynamics, orbital mechanics, and flight dynamics, as well as a core curriculum of structural and material analysis, advanced dynamics, and vibrations. The program requires a minimum of 128 credits.