

Bachelor of Science in Mechanical Engineering

The BSME degree explores thermodynamic, heat transfer, instrumentation, measurements, solid and fluid mechanics, dynamics, machine analysis and design, manufacturing, vibrations and controls, sustainability, internal combustion engines, refrigeration and air conditioning, robotics, propulsion, computer-aided design, bio-engineering, alternative energy, thermal design, composite materials, and tribology.

Entry-Level Positions

[Mechanical Engineer](#)

[Aerospace Engineer](#)

[Automotive Engineer](#)

[Materials Engineer](#)

[Nanotechnology Engineer](#)

[Nuclear Engineer](#)

Curriculum Information

[Mechanical Engineering Eight Semester Plan](#)

Positions with a Graduate Degree

[Engineering Teachers, Postsecondary](#)

Professional Organizations and Related Resources

[American Society of Mechanical Engineers](#)

[Mechanical Engineer.com](#)

[Society of Automotive Engineers](#)

[American Society for Engineering Education](#)

Where else can I find information?

[Occupational Outlook Handbook](#)

[O*NET Online](#)

[USF Career Services](#)