

MSMDE Learning Outcomes

By completing the program, all graduates will be able to demonstrate proficiency in these program learning outcomes:

- Students can communicate effectively in an industry environment composed of scientists, engineers, and business professionals.
- Students can contribute productively on an interdisciplinary team tackling complex problems.
- Students can identify user needs for medical devices through primary and secondary research.
- Students can combine product needs with fundamental science and engineering to develop a medical device for the benefit of society.
- Students can apply best practices in manufacturing, assembly, quality, and operations for commercialization of medical devices.
- Students adhere to ethical principles in research, development, regulatory, and business issues inherent in the medical device and related industries.