

MANUFACTURING SYSTEMS ENGINEERING, MS

The Master of Science in Manufacturing Systems Engineering (MSE) is a multidisciplinary degree, drawing courses and faculty and instructors from engineering, business, and Interdisciplinary Professional Programs. As the first program of its kind in the United States, and among the first in the world, MSE has long been recognized as a leading provider of resourceful engineers for global and dynamic manufacturing firms. Hands-on projects, along with classes taught by internationally recognized experts and state-of-the-art technology, provide an ideal foundation for anyone entering today's advanced manufacturing environment.

MSE graduates leave the program skilled in both technical and leadership domains. Students are exposed to practical problems and cutting-edge concepts, resulting in engineers who combine management skills with advanced technical abilities. Courses cover a broad range of manufacturing issues, while reinforcing a systems approach. The coursework is a combination of required and elective courses.

The student body of the MSE program is predominantly composed of students working for their degrees while employed. Students have an engaged learning experience, applying what they learn in their work environment.

Specifically, the program addresses solutions to problems in the design, development, implementation, operation, evaluation, and management of modern manufacturing systems.