

Bachelor of Science in Systems Engineering[†]

Department of Systems and Industrial Engineering

Program Educational Objectives

- Objective 1:** Technical Proficiency: Graduates integrate mathematics, physics, engineering science, operations research, applied probability and statistics, and computer simulation to model and analyze entire systems that are composed of their individual components and subsystems.
- Objective 2:** Professional Growth: Graduates develop and exercise their capabilities for life-long learning as a means to enhance their technical and social skills.
- Objective 3:** Management Skills: Graduates develop and refine their management, communications, and professional skills to increase their effectiveness as team members and team leaders.