Overview of ISE
Industrial engineers optimize complex processes or systems. They work to eliminate waste of time, money, materials, man-hours, machine time, energy and other resources that fail to generate value. Industrial engineers work in manufacturing, at Disneyland, at FedEx, at Amazon and many, many other places. A recent report on Forbes.com lists Industrial and Systems engineering as one of the most in-demand engineering jobs in the United States. The Bureau of Labor Statistics estimates more than 236,000 job in Industrial and Systems engineering (ISE) jobs by 2024 in the US.

The Bachelor of Science in Industrial and Systems Engineering is in response to these trends as well as the demand for these engineers in Western PA and the Midwest.

About the Program
The Bachelor of Science in Industrial and Systems Engineering (ISE) at Slippery Rock University is designed to produce highly skilled graduates capable of achieving life-long professional development in an industry that has high demand that will be accelerated by retiring engineers in the profession. The curriculum will provide students with a hands-on, in-depth learning experience covering the major fields of study in ISE, including new, highly-marketable skills such as Six Sigma and sustainability. This is a four-year, full-time degree and all courses will be taught at SRU’s main campus.

Program Highlights
• A 128 credit program that can be completed in 4 years
• Hands-on engineering design experience.
• Internship opportunities
• Face-time with dedicated teaching faculty.
• Designed to meet ABET accreditation criteria.
• Affordable: $33,500 to $86,700 less than other ISE programs in the region.
Career Opportunities

The Bureau of Labor statistics rates BS in Industrial and Systems Engineering (ISE) as a high salary profession for bachelor's degrees with a median national salary of $81,490. The regional median salary for engineers in this industry is $85,720. Graduates have the opportunity to work in broad range of careers in a variety of locations around the world. The career options include:

- Strategists
- Supply Chain Management
- Value Engineering
- Quality Engineering
- Logistics