Overview of PNGE

Energy is a key component in our everyday lives. A secure energy future requires a balance between environmental impact and affordable supply. A recent report by the U.S. Energy Information Administration predicts a 56 percent net growth in the global energy demand between 2010 and 2040. The Bureau of Labor Statistics estimates a 26 percent increase in Petroleum and Natural Gas engineering (PNGE) jobs in the U.S. by 2022.

The Bachelor of Science in Petroleum and Natural Gas Engineering was developed to respond to these trends as well as the Marcellus Shale boom in western Pennsylvania.

About the Program

The Bachelor of Science in Petroleum and Natural Gas Engineering (PNGE) at Slippery Rock University is designed to produce highly skilled graduates capable of achieving life-long professional development in an industry that is rapidly growing. The curriculum will provide students with a hands-on, in-depth learning experience covering the major fields of study in PNGE, including exploration, production, and transportation of oil and natural gas resources using safe and environmentally friendly methods. 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 PNGE programs in the region
Career Opportunities
Forbes magazine rates the BS in Petroleum and Natural Gas Engineering as having the highest starting salary for bachelor’s degrees with a median annual starting salary of $99,313. The median salary for an engineer in this industry is $133,050. Graduates have the opportunity to work in a broad range of careers including:

• Production Engineers
• Drilling Engineers
• Reservoir Engineers
• Marketing Engineers
• Graduate School