

Panther Engineering Programs—summer only. Minimum GPA of 2.5 for Engineers. Solid background in physics and math preferred.

Program	Location	No. of weeks	No. of credits	Language instruction; Prerequisites	Program's academics	Suitable for Students in These Courses of Study	Cost	Housing
Engineering for a Better Environment	Florianopolis, Brazil Site visits	2 weeks 8/7-19 2016	3 credits (technical elective)	English. No prerequisites	All three weeks spent in Brazil focusing on renewable energy and environmental sustainability. Lectures and site visits. Pre departure meetings (evenings) held in Pittsburgh or through distance education.	Engineering, Bioengineering, Chemical and Petroleum Engineering, Civil and Environmental Engineering, Electrical and Computer Engineering, Industrial Engineering, Mechanical Engineering and Materials Science	In state: \$4,350 Out: \$4,550 Visa: \$250	Hotel
Engineering in the Americas Before Columbus	Cusco, Peru Visits to Machu Picchu & Sacred Valley	2 weeks 5/2-13 2016	3 credits (technical elective)	English. <i>Prerequisites:</i> MATH 0210 & 0220, PHYS 0174 & 0174 or equivalents. Some elementary Spanish helpful.	Program focuses on the structures and ancient building techniques of the Incan Empire in pre-colonial Latin America. <i>Community service project</i> designed to meet a pressing need in the local community. Past projects have included designing a more efficient wood burning stove and assisting in re-design of areas affected by flooding.	Engineering, Bioengineering, Chemical and Petroleum Engineering, Civil and Environmental Engineering, Electrical and Computer Engineering, Industrial Engineering, Mechanical Engineering and Materials Science	In state: \$4,200 Out \$4,400	Host family (non-English speaking)
Engineering the German Way: Munich	Munich, Germany Factory tours	3 weeks 5/18-6/9 2016	3 credits (technical elective)	English. Elem. German or German-related courses beneficial.	BMW, Siemens, Volkswagen, DaimlerChrysler – all innovative, successful German engineering companies. This program is your chance to understand the types of engineering practices that have made these companies so successful.	Engineering, Chemical and Petroleum Engineering, Civil and Environmental Engineering, Electrical and Computer Engineering, Industrial Engineering, Mechanical Engineering and Materials Science	In state: \$3,800 Out: \$4,000	Hostel
The French Nuclear Cycle: Normandy	Normandy, France Nuclear plant tours	2 weeks 5/17-29 2016	3 credits (technical elective)	English. STEM majors welcome to apply.	This program focuses upon the structure of nuclear engineering in France including nuclear power, the nuclear fuel cycle, and nuclear waste disposal. Mandatory pre-departure lectures, spring semester in Pittsburgh or thru distance learning.	Engineering, Chemical and Petroleum Engineering, Civil and Environmental Engineering, Electrical and Computer Engineering, Mechanical Engineering and Materials Science	In state: \$4,150 Out: \$4,350	Dorm
Global Supply Networks and Manufacturing Culture in Latin America: Uruguay	Montevideo, Uruguay Field visits to companies	2.5 weeks 5/9-27 2016	3 credits (technical elective for engineers)	English. <i>Junior or Seniors only</i>	Learn about the Latin American global supply chain and engineering manufacturing. The course includes lectures, field visits to companies, and group projects with students from the Universidad de Montevideo and other international students from around the world.	Business, Global Management, Marketing, Supply Chain Management, Engineering, Industrial Engineering	In state: \$1,668 + housing Out: \$4,160 + housing	Hotel
Engineering of the Renaissance: Florence	Florence, Italy City and related museum tours	4 weeks 5/1-31 2016	6 credits (technical elective & S. Science/ Humanities elective)	English. Solid physics and math background helpful. Some Italian language helpful.	First course will examine the engineering and technological achievements of the Renaissance. Second course is Social Science-related and will look at history, culture and urban landscape of Florence.	Engineering, Bioengineering, Chemical and Petroleum Engineering, Civil and Environmental Engineering, Electrical and Computer Engineering, Industrial Engineering, Mechanical Engineering and Materials Science	In state: \$6,000 Out: \$6,200	Apart.