

To apply for the NSF STEM Scholarship, you will need:

1. One or two letters of recommendation from an instructor or an employer (discussing your potential for professional success, motivation, and communication skills).

Letters should be emailed or mailed to:

Jody Opheim
WSU ESI Center
PO Box 642752
Pullman, WA 99164-2752
opheim@wsu.edu

2. Current resume (PDF upload)

3. Statement of Intent (PDF upload)

Should be one page or less, describing why you are interested in power engineering as a career. You should also discuss your volunteer activities, summer work, student club, and professional organization activities.

4. Transcripts from all schools attended (PDF upload). If selected for a scholarship, you will be asked to submit official transcripts.

5. Complete a short online application at: <http://eecs.wsu.edu/~mehrizi/esischo larship/application.html>

Please have PDF copies of your resume, transcripts, and statement of intent ready to upload when you complete your online application.



If you would like to know more about earning a power engineering degree, please contact:

Josh Whiting
(509) 335-2446

joshwhiting@wsu.edu

"The power engineering field is about to undergo a major 1-2-3 punch that will shake it up more than at any other point in its history:

1. *"Green" energy technologies—such as the smart grid, solar, wind, battery storage, and other areas—are about to totally transform the business of energy generation, transmission, and distribution.*

2. *But at the same time, many—if not the majority—of the people currently working in power engineering are rapidly approaching retirement age and may soon leave the profession.*

3. *Meanwhile, not nearly enough new engineers are entering the power engineering profession to meet the anticipated demand that will be seen in the next five to ten years.*

These pending shifts will present numerous challenges, but may also create just as many opportunities for those willing to embrace them."

—John R. Platt, www.todaysengineer.org



GET A POWER CAREER



MAJOR IN POWER SYSTEMS
ENGINEERING
AT
WASHINGTON STATE UNIVERSITY

WASHINGTON STATE
UNIVERSITY

World Class. Face to Face.

DON'T GET JUST ANY ENGINEERING DEGREE, GET A POWER ENGINEERING DEGREE*

Interested in cybersecurity?

Think electricity is cool?

Like computers?

Have a knack for problem solving?

Not afraid of big volts and amps?

Come over to the "light" side and pursue a rewarding career in power engineering.

Power and energy companies are looking for lots of graduates over the next 10 years. Why build robots or buildings, when you can build the smart power grid of the future! Help keep the lights on all over the world. Power the future AND your own career. Become a power engineer and graduate from one of the Top 5 power engineering programs in the country.

New power engineering majors may qualify for major financial support through the new NSF STEM Scholarship. If you meet the following criteria, you could be eligible for up to \$10,000 per year in scholarship support*

1. Be a U.S. Citizen, U.S. National, alien admitted as refugee, or alien lawfully admitted to the United States for permanent residence.

*Electrical Engineering degree with a Power Engineering emphasis

2. Have a demonstrated financial need, defined by the U.S. Department of Education rules for need-based Federal financial aid FAFSA, or, for Master's students, defined as financial eligibility for GAANN.

3. Demonstrate academic potential as evident by academic achievements and previous work experience.

4. Have junior standing and be eligible to certify in power engineering.

5. Have a minimum GPA of 2.7 (3.0 for Master's students)

**Students must certify for power engineering and complete the power engineering track of study or the scholarship will be rescinded. Students must maintain their scholarship eligibility criteria for every semester in the program.*

Power engineering majors benefit from strong ties to industry in the state and region. You'll have practicum and internship opportunities with the state's utilities and energy-related companies, mentoring from power alumni throughout the state to help guide you in your academic and career choices, and the inside track on job openings.

Being a power engineering alum from Washington State University means you're in good company. Our graduates hold top leadership positions at utilities and power companies throughout the state. It's a proud, close-knit group that will be there for you even after graduation. Come away from the dark side. Become one of the "power elite" from WSU.

"Electrical Engineers looking for stable jobs and high salaries should consider the power sector in particular. In the United States, millions of government and industry dollars are now flowing into a reviving utility industry. Renewables and the smart grid are about to breathe new life into a rusty power transmission and distribution system, while half of the workforce is expected to retire in the next 5 to 10 years, creating thousands of jobs."

—Prachi Patel, www.spectrum.ieee.org