



College of
Engineering

UNDERGRADUATE SCHOLARSHIP OPPORTUNITY: NUCLEAR POWER ENGINEERING SCHOLARSHIP

Are you interested in how nuclear energy works? Have you thought about working in the nuclear industry or doing mind-blowing nuclear energy related research? LSU will fund your education towards these goals!

LSU offers a one-year \$7,500 scholarship to 12 undergraduate students enrolled in the nuclear power engineering (NPE) minor.

To be eligible for the scholarship, applicants must meet the following minimum criteria:

- 1) Full-time LSU undergraduate student
- 2) Minimum GPA of 3.0 overall within major
- 3) Matriculated or to be matriculated in the NPE minor*
- 4) US Citizen or Permanent US Resident

HOW TO APPLY: Pick up an application form from the front desk of the Department of Mechanical & Industrial Engineering located at 3261 Patrick F. Taylor Hall.

Submit your application form, a 2-page personal statement, and an NPE minor enrollment form (if you are not yet enrolled in the minor) to the MIE department for consideration. Personal statements should include your background, academic records, and interest/potential in a nuclear-related career.

DEADLINE: April 29, 2017

QUESTIONS? Any questions about the NPE minor can be sent via email to Dr. Fengyuan Lu and Dr. Manas Gartia at usnrc@lsu.edu.

DID YOU KNOW...

- Nuclear power provides 19.4% of the electricity in the United States and 15.8% in Louisiana
- There are three nuclear power plants within 2.5 hour drive from Baton Rouge
- Nuclear energy is currently the largest low-carbon-emission power source in the United States
- LSU offers nuclear engineering courses and an undergraduate minor in nuclear power engineering

**The NPE minor has two prerequisites [ME3834 Fluid Mech and ME4433 Ht. Transfer], three core courses [ME4953 Nuclear Reactor Theory & Design, ME4963 Nuclear Reactor Systems Engineering, and a choice between ME4663 Renewable and Nuclear Power Plant Engineering and NS4570 Nuclear Facility Safety], and one nuclear power related course chosen from a list of technical electives [e.g. NS4411 Fundamentals of Nuclear Radiation Science, ME4213/4223 Welding Engineering I/II, ME4933 Friction Stir Welding, etc].*