



Nuclear Engineering and Radiological Sciences (NERS) Undergraduate Scholarship

Scholarship Description: The NERS Scholarship program will award top students from: Chemistry, Chemical Engineering, Civil Engineering, Electrical Engineering, Environmental Engineering, Geology, Materials Science and Engineering, Mechanical Engineering, Physics, or a related discipline for ***participation in nuclear-related coursework and/or research*** (e.g., see below). The cohort of scholars will participate in professional networking opportunities through regional American Nuclear Society meetings and field trips to regional nuclear fuel cycle facilities. Scholarships in the amount of \$2,500 will be awarded in two installments – March 2016 and May 2016.

Eligibility:

- Enroll and/or remain matriculated in the nuclear related coursework and/or research
- Maintain satisfactory academic progress with at least a 3.0 GPA both overall and within the major science/engineering discipline
- Maintain a course load of at least 12 credit hours per semester as a full-time student in good standing (for summer scholarships, students must be full-time the previous Spring and following Fall semesters OR be enrolled in a nuclear-related course for the summer semester)
- Be a U.S. citizen or permanent resident

Requirements: All scholars are required to sign the NRC service agreement indicating, amongst other things, that the scholar is required to work in the nuclear-related industry for 6 months for each year or partial year that they receive funding from the scholarship.

Application due: 2/1/2016 (5:00pm)

Eligible NERS Coursework

Fall

Environmental Radiation Protection (EES 4100)
Nuclear Fuel Cycle (EES 4120)
Thermal-hydraulics of nuclear reactors (ME 4280)
Environmental Risk Assessment (EES 4800)

Spring

Intro to Nuclear Engineering (EES 3100)
Ionization Radiation Detection and Measurements (EES 4110)
Nuclear Energy (ME 4260)
Radioecology (EES 4140)

Contact: If you have questions or concerns about the scholarship eligibility and requirements, please contact: Dr. Lindsay Shuller-Nickles, Assistant Professor, Environmental Engineering and Earth Science (lshulle@clemson.edu).

Nuclear Engineering and Radiological Science Undergraduate Scholarship Application

This application form, one reference form, and your unofficial Clemson University transcript are due by February 1st at 5:00pm and should be emailed to Lindsay Shuller-Nickles (lschulle@clemson.edu).

Applicant name: _____

Email: _____

Major degree program: _____ Expected graduation date: _____

Relevant NERS course(s) taken (or enrolled in): _____

Total GPA as of Fall 2015: _____ Science/Engineering GPA as of Fall 2015: _____

How did you become interested in the NERS field? (250 word limit)

What do you hope to gain from participation in the scholarship program? (250 word limit)

Nuclear Engineering and Radiological Science Undergraduate Scholarship Reference Form

This reference form is due by February 1st at 5:00pm and should be emailed to Lindsay Shuller-Nickles (lschulle@clermson.edu).

Applicant name: _____

Reviewer name: _____

Reviewer email: _____

How long have you known the applicant? _____

What is your relationship to the applicant?: _____

Briefly describe why this applicant deserves the NERS scholarship. What sets them apart from their peers?

Is this student's academic record reflective of their professional ability? If no, please explain.