

Graduate Fellowship Program in Nuclear Engineering

The Nuclear Engineering and Engineering Physics Program (NEEP) in the Engineering Physics Department at the University of Wisconsin – Madison proposes a Graduate Fellowship Program in Nuclear Engineering in support of outstanding doctoral students interested in nuclear power systems engineering, and a career and employment in nuclear power related fields. Recipients will serve 6 months for each year of academic support. The employment may be with NRC, other Federal agencies, State agencies, Department of Energy laboratories, nuclear-related industry, or academia in the recipients' sponsored fields of study. The proposed program would recruit and enroll top-notch, diverse students from all engineering disciplines, and would award two doctoral fellowships to obtain a Ph.D. degree in Nuclear Engineering and Engineering Physics. The recruitment, selection and program administration of the students and their progress would use the proven techniques from the GERS program and the EP department. The expected time duration to obtain a Ph.D. degree would be about 48 months depending on the students' background and the GERS program and the NEEP program would supplement the fellowship during that time as appropriate to complete their degree. The evaluation of the program success would be accomplished in two ways. First, the EP department chair would utilize the Engineering Physics faculty to provide an ongoing review of the student's progress toward their degree as well as interactions with nuclear power industry during summer internships. Second, the program would be reviewed by the GERS program faculty annually as part of the UW-Madison Graduate School requirements for program quality and outcomes assessment.