

**HBGI Fellowship Application**  
**Roy G. Perry College of Engineering**  
**PhD Program in Electrical Engineering**

The Doctor of Philosophy program in Electrical Engineering is designed to prepare students to be scholars, to develop the students' capacities to understand issues and problems at the frontier of knowledge and to make significant contributions to that knowledge. The Ph.D. program's overall educational goals are to provide doctoral training in Electrical Engineering research, to develop new knowledge in engineering, and to disseminate the knowledge gained.

The educational objectives established at the inception of the EE PhD program are:

1. to produce competent engineering researchers who can communicate new and innovative research findings to engineers and scientists,
2. to train engineers who are well versed in the general body of knowledge in Electrical Engineering,
3. to produce researchers with specialized knowledge in Electrical Engineering, and
4. to increase the number of Electrical Engineering doctorates.

The Ph.D. program in Electrical Engineering at Prairie View A&M University was established in August 2003 and three students were enrolled in the program. Since that time the program has maintained a steady growth in its student population and laboratory facilities to accommodate advanced PhD research.

The Doctor of Philosophy (PhD) program in Electrical Engineering is a research oriented degree program. Its purpose is to advance knowledge in a chosen area of concentration. The program has the following areas of concentration:

- Computer Engineering
- Communications/Signal Processing
- Microelectronics.
- An additional concentration area of power systems has been submitted for State approval.

To be eligible for the HGBI Graduate Fellowship, students must:

- Be a US resident or permanent resident;
- Be admitted as a PhD graduate student at PVAMU;
- 3.00 GPA or greater to enter program and must maintain 3.00 GPA accumulative and per semester when enrolled;
- Meet all PVAMU admission requirements;
- Have previous educational background in the intended area of study;
- Submit an application for scholarship consideration;
- Maintain a full-time course load (9 credit hours minimum per regular semester and 6 credit hours during summer semester);

- Satisfy all program requirements for the PhD in Electrical Engineering
- Maintain Satisfactory Academic Progress while at the University; and,
- Maintain a minimum cumulative GPA of 3.0 for graded courses in the doctoral program and a 3.00 average per semester.

To attract Ph.D. students and have them to commit to graduate study, this fellowship will be used to provide selected graduate students with financial assistance that will take care of tuition, fees, books and living expenses.

The following information must be submitted prior to scholarship review.

1. Completed application (typed)
2. Personal Statement (typed)
3. Resume
4. Undergraduate and Graduate transcripts
5. Teacher Recommendations

For all applicants including new students, current students and transfer students, **deadline for submitting the application package is July 15 for both the Fall and Spring semesters and March 15 for the Summer session.**

### **Scholarship Application Form**

The information may be entered directly on the PDF file. Hand written applications will not be accepted.

All boxes and fields must be accurately completed. Students will be asked to sign the application upon selection acknowledging factual and accurate information.

### **Personal Statement**

A Personal Statement must be included--no more than 500 words. The information contained in personal statements allows the Scholarship Committee to evaluate various factors, including (but not limited to) socio-economic background, ideological viewpoint, disability, etc. Applicants should clearly identify and discuss factors that should be brought to the attention of the Selection Committee.

- personal characteristics,
- background,
- unique experiences,
- career interests, and
- leadership qualities.

A personal statement should also include, but not be limited to, the following:

- how your personal background impacted or can impact and advanced degree or shape your future professional goals;
- your scholarly interests or other academic research;