

## HEEAP ADVANCING WOMEN IN ENGINEERING FELLOWSHIP

2016-2017 Fellowship program to study at Arizona State University

### THE FELLOWSHIP

Take part in a one-year, U.S. education experience at Arizona State University (ASU) in Tempe, Arizona. ASU will sponsor candidates with a Bachelor of Science degree from universities across Vietnam to complete a Master's degree in either Electrical or Mechanical Engineering, or Information Technology at Arizona State University.

ASU will sponsor the full cost of one full academic year of tuition, and a living stipend (Note: Scholars will need to pay for miscellaneous expenses while living in Tempe – an outline of these additional costs will be made available to interested candidates).

### AVAILABLE DEGREE PROGRAMS AT ASU

#### Mechanical Engineering (MSE)

Degree Awarded: MSE Mechanical Engineering  
The mechanical engineering candidates offer a graduate program leading to the MSE in mechanical engineering. The MSE is the non-thesis master's degree in mechanical engineering and requires either a comprehensive exam, or an applied project as a culminating event. A number of wide and diverse research areas may be pursued. All of the graduate programs stress a sound foundation leading to a specialized area of study. Additional information can be found in the program guidelines on the school website.

#### Engineering (MS)

**Focus in Mechanical or Electrical Engineering**

Degree Awarded: MS Engineering. The master's degree in engineering consists of a core set of courses designed to develop applied analytical expertise across disciplinary boundaries, with direct applications of advanced design principles to system design, management and control. The expertise developed in the core curriculum is reinforced through focus areas in mechanical or electrical engineering. The degree will offer options for students culminating in a master's thesis, or an applied project. Each of these options is designed to engage students with real-world applications of engineering and to develop problem-solving skills.

#### Information Technology (MS)

Degree Awarded: MS Information Technology. Through the curriculum, graduates design and implement information technology solutions, develop and implement enterprise databases, perform technical analysis of systems and networks, design and create technical graphic and geographic technology solutions, and serve as information technology and communications security experts. The program focuses on developing the ability to conceptualize, organize and realize information technology projects that meet the needs of users within an organizational or societal context. Program course work encompasses core technologies and a specialization area with a culminating project experience. Graduates of the information technology program are well qualified for careers in the management of IT departments and functions. This degree couples technical skills with the business skills needed to manage

*If you are ready to begin the application process, or just have questions, please contact*

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technical functions. Some graduates may pursue careers as technical support staff based on the focus area and secondary skills they achieve.

### ELIGIBILITY

This fellowship is open to engineers who meet the following minimum criteria:

1. A female Vietnamese Engineer with a Bachelor of Science degree in Electrical Engineering, Mechanical Engineering, Computer Information Technology or related disciplines.
2. Currently teaching or hold a teaching position at a technical university or a vocational technical college in Vietnam
3. Target Cumulative GPA of 3.0 or higher (on a 4 point scale) or 7/10 (on a 10-point scale).
4. Strong English language skills. Required to achieve a minimum score of 80 on the Internet-based Test of English as a Foreign Language (TOEFL) or IELTS 6.5
5. Able to travel to United States and live for one year to complete program.
6. Strong behavioral skills in teamwork, problem solving, communication, leadership, initiative.
7. Active in community and extra-curricular activities.
8. Interested in studying in the U.S.
9. Letter of support from Leadership of current institution

### APPLICATION PROCESS

- Initial Deadline for Document Submission is **October 31, 2015**.
- Online applications must be completed by **December 31, 2015**. The online application is in this link: <http://www.asu.edu/gradapp>

**Application materials:** Applicants will need to apply to Arizona State University and will need the

following documents to complete the application process:

1. Online Graduate Education application.
2. Application fee (will be waived by ASU).
3. Official GRE score. GRE requirements vary by program. Please check your specific program page, for details.
4. Proof of English language proficiency - required to achieve a minimum score of 80 on the Internet-based Test of English as a Foreign Language (TOEFL). Scores must be dated within two years of the first day of class in the program.
5. Official transcripts from all prior institutions attended.
6. Statement of purpose / personal statement.
7. Resume or curriculum vitae.
8. Three letters of recommendation (hard copies).

#### APPLICATION DEADLINES:

Fellowship Prescreening: **October 31, 2015**

Final Application: **December 31, 2015**

### SELECTION PROCESS

In order to participate in the HEEAP Advancing Women in Engineering Fellowship, applicants must successfully complete each of the following three stages:

1. **Fellowship Prescreening:** Initial application documents submitted to local office by October 31, 2015 for initial Fellowship screening. Qualified applicants will be invited to a Fellowship Interview.
2. **Fellowship Interviews:** Selected candidates demonstrating eligibility in stage will one, will be given an opportunity to further demonstrate engineering technical competency and English proficiency during a fellowship interview. Interviews will be scheduled in November 2015.
3. **ASU Admission:** final online ASU

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application and application materials must be submitted to ASU by December 31, 2015. Candidates will be notified of admission decision by mid March 2016.

Applicants who meet eligibility requirements,

have submitted a passing TOEFL, IELTS, GRE, are able and willing to travel to Arizona State University for the 2016-2017 academic year, and successfully complete the fellowship interview will be selected for the fellowship (contingent upon receipt of a visa). These selected candidates will be designated "HEEAP Fellows.

### IMPORTANT DATES

- **August 2015** – ASU Announcement to Rectors and candidates through email and HEEAP website.
- **September 2015** – Information Sessions scheduled at college and university locations throughout Vietnam.
- **October 31, 2015** – Initial document deadline for prescreening; includes qualifying exams.
- **November 2015** – Fellowship Interviews – selected candidates will participate in interviews in Ho Chi Minh City.
- **December 31, 2015** – Final ASU Application Deadline.
- **March 15, 2016** – receive confirmation of acceptance into academic program and fellowship.
- **August 2016** – classes begin for HEEAP Fellows.

Note: ASU reserves the right to make changes to the Program if required.

*If you have questions on the application process, please send an email to **Nguyen Thi Thu Huyen** at [Huyen.Thithu.Nguyen@asu.edu](mailto:Huyen.Thithu.Nguyen@asu.edu).*

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