



U.S.-Pakistan Women's Council

FUTURE OF WOMEN IN ENERGY

SCHOLARS PROGRAM

PROGRAM ANNOUNCEMENT

The U.S.-Pakistan Women's Council (<https://www.state.gov/u-s-pakistan-womens-council/>) is accepting applications for up to 20 qualified Pakistani female university students to participate in the inaugural U.S.-Pakistan Future of Women in Energy Scholars Program. The program seeks to increase the number of women in Pakistan's energy sector by promoting education in energy studies and fostering young women's participation and leadership on energy issues. The program will provide an overview of energy infrastructure and how it underpins the global economy.

The U.S.-Pakistan Women's Council will select up to 20 Pakistani women undergraduate students currently pursuing their bachelor's degrees in science or engineering to participate in a two-week certificate program hosted by Texas A&M University at Qatar in June 2022. In addition to participating in lectures on the full spectrum of the energy economy and developing an independent research project, Future of Women in Energy Scholars will have the opportunity to interact with industry and business leaders, engage in cultural immersion in Qatar, and participate in student life in Education City, a vibrant educational community with satellite campuses for major international universities. They will receive a certificate of participation from Texas A&M at Qatar upon completion of the program.

Following the two-week course, the U.S.-Pakistan Women's Council will support a two-week familiarization program in the public and private sectors focused on advancing women's participation in the energy economy in Pakistan. This opportunity aims to inspire the next generation of talent to thrive in careers in the energy sector or pursue an advanced degree in energy-related disciplines, in particular with a focus on renewable resources.

The U.S.-Pakistan Women's Council is a public-private partnership that seeks to increase women's economic participation in Pakistan by catalyzing commitments from the private sector, civil society, and government leaders in both countries to advance women's economic empowerment in Pakistan.

Target Audience

This program is directed at female Pakistani students pursuing bachelor's degrees in a field of study related to science or engineering.

Program Objectives

Future of Women in Energy Scholars will:

- Gain an in-depth understanding of the energy economy with an exploration of renewable energy (solar, biomass, hydro, geothermal, wind), fossil fuels, and nuclear energy.
- Understand the environmental and sustainability challenges related to fossil fuels.
- Foster leadership, management, and interpersonal communication skills.
- Enhance awareness of career opportunities in the energy sector, gaining a network of academics, leaders in industry, and fellow future scientists.
- Gain hands-on, practical exposure while serving as interns in energy fields.

Program Content

The Future of Women in Energy Scholars Program combines rigorous academic coursework on the energy economy and practical immersion in the workforce. During the two weeks, the scholars will receive more than 40 hours of coursework on the selected topics, participate in four to six hours of hands-on and laboratory activities, and engage in open discussion forums with women leaders and alumnae in the energy sector. In addition, the program includes rich cultural activities and tours.

Pre-Departure Orientation

Prior to departure from Pakistan, scholars will participate in a two-hour mandatory virtual orientation session led by Texas A&M at Qatar in coordination with other members of the U.S.-Pakistan Women's Council and U.S. Mission Pakistan. The session will provide scholars with an opportunity to review the program schedule and expectations of the course.

Part One: Academic Immersion at Texas A&M at Qatar

Scholars will participate in an intensive two-week academic enrichment program led by academic experts. While lectures will focus on various aspects of the energy economy and energy security, the concentration of the academic content of the program will focus on solar, wind, hydro, geothermal, and biomass resources. Scholars will meet with industry leaders, engage in extracurricular activities in Doha, and participate in career planning sessions. Completion of this phase of the program requires an independent study conducted under expert guidance from Texas A&M University at Qatar faculty.

The initial two-week program will take place at Texas A&M Qatar's campus between June 3-18, 2022.

Part Two: Familiarization Program

Upon return to Pakistan, scholars will participate in a two-week program to gain practical experience in the public and private sectors. This portion of the program will allow scholars to see how the theoretical concepts gained at Texas A&M Qatar can be applied in real life in Pakistan.

Program Participation Requirements

To be considered for selection, interested applicants must meet the following criteria:

- Women currently pursuing a bachelor's degree in engineering or science and who have completed at least two years of university education at an accredited university in Pakistan
- Fluent in written and spoken English
- A citizen of Pakistan, and currently living and studying in Pakistan
- Hold a Pakistani passport that is valid through at least February 2023
- Able to travel to Doha, Qatar for two weeks between June 3-18, 2022
- Able to participate in the experiential program with the Government of Pakistan and private sector for two weeks following the two-week program in Qatar
- Able to provide proof of COVID-19 vaccinations as required to enter Qatar (i.e. fully-vaccinated with either Moderna, Pfizer, AstraZeneca, or Johnson & Johnson vaccines) in accordance with the Ministry of Public Health guidelines (<https://covid19.moph.gov.qa/EN/travel-and-return-policy/Pages/default.aspx>)
- Has not previously participated in a U.S. government-funded educational program
- Is not in the process of applying for U.S. immigrant status

Application Process

Complete and submit the application, including:

- A current C.V. or resume
- A recent university transcript in English
- A written statement (300 words maximum) on the importance of energy in Pakistan and the role of women in this sector and how they can contribute.
- A personal statement (300 words maximum) on how this program fits in with personal and professional goals

Submission Instructions

Send the completed application and attachments by email to a.rahmantaha@tamu.edu with a subject line: **“Application - Future of Women in Energy Scholars Program”**

Application Deadline: April 25, 2022

If you have questions, please contact: a.rahmantaha@tamu.edu with a subject line: “Inquiry - Future of Women in Energy Scholars Program”