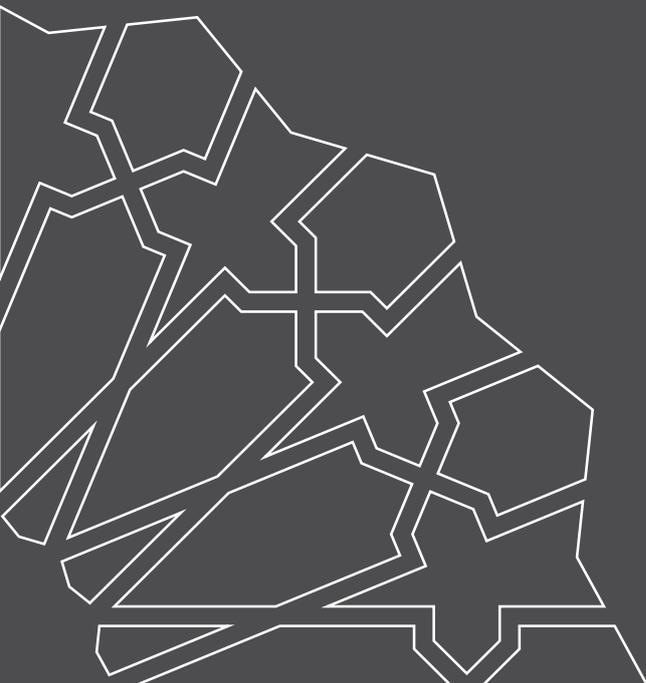




Dive into the heart of  
innovation with Nuclear  
Engineering:

**Unlocking the secrets  
of atomic power to fuel  
sustainable progress  
and redefine our energy  
future**





# Dive into the heart of innovation with Nuclear Engineering: **Unlocking the secrets of atomic power to fuel sustainable progress and redefine our energy future**

## **Brief Welcome Message:**

Embark on a transformative journey with Nuclear Engineering: Pioneering sustainable energy solutions, advancing environmental stewardship, and shaping a brighter future for generations to come.

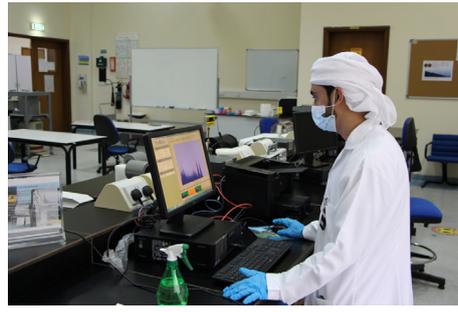
## **Program Highlights:**

- The only BSc in Nuclear Engineering Program in the United Arab Emirates.
- Global Impact: Contribute to global sustainability and energy solutions by mastering nuclear engineering, a field at the forefront of combating climate change and advancing renewable energy technologies.
- High-Tech Nuclear Labs: Dive into hands-on learning in our advanced labs, including Radiation Detection and Measurement Labs, Nuclear Reactor Modeling Lab to simulate and solve real-world challenges.
- Gain insights from professors with real-world industry experience who are committed to ensuring your academic and professional growth

## **Quick Facts:**

- Dive into the science of nuclear power reactors, exploring their design, operation, and the fascinating world of ionizing radiation, including its detection, measurement, and varied applications.
- Gain exclusive industrial insights through seminars and training sessions offered by our prestigious nuclear partners in the UAE and internationally, such as the Barakah Nuclear Power Plant, the Federal Authority for Nuclear Regulation (FANR), the Emirates Nuclear Energy Commission (ENEC), and the International Atomic Energy Agency (IAEA).

## Testimonials:



## Admission Information:

Eager to start your journey in Nuclear Engineering? Explore the University of Sharjah's website for details on admissions and how to apply.

## Academic Offerings:

Spring and Fall offering every year

## Experiences and Opportunities

### Hands-On Learning:

- Explore cutting-edge nuclear energy applications by leveraging our advanced labs and equipment in your Senior Design Projects.
- Engage in internships that offer hands-on experience with our esteemed local and global partners, allowing you to apply your academic knowledge in real-world industrial settings.

### Internships and Co-op Programs:

Specializations leading to diverse careers in fields like aviation, logistics, and maintenance engineering



### **Global and Industry Exposure:**

Students engage with leading nuclear organizations, international research projects, and industry visits to build global competencies and real-world experience.

### **Student Life and Organizations:**

- American Nuclear Society Students' Chapter at UoS.
- Mechanical & Nuclear Engineering Students' Club.
- Engaged community fostering professional growth through students-driven events and initiatives.

### **Financial Support:**

Investing in Your Future: Discover scholarships, and financial aid options to make your engineering education accessible. Visit university website for details.

### **Call-to-Action:**

Discover how Nuclear Engineering at University of Sharjah can empower your engineering journey. Visit our website or scan the code to learn more.

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