

New AU Engineering Major: Renewable Energy Engineering

3/01/13

The Inamori School of Engineering has inaugurated a new engineering major: Renewable Energy Engineering.

The Renewable Energy Engineering (RNEW) major will provide a solid foundation in mechanical and electrical engineering with an emphasis on producing, transporting, and using energy to ensure a clean and sustainable future. The SoE is seeking accreditation from the American Engineering Board of Engineering and Engineering Technologies.

The Renewable Energy Engineering Program (RNEW) at Alfred University is dedicated to the study and practice of Energy systems for a sustainable environment. Our mission is to produce the next generation of engineers and scientists who will

- Develop and perfect renewable energy systems.
- Make improvements on energy efficiency.
- Advance science and engineering with an economic sense in the aim to create a more sustainable future for our planet.

Alfred University's RNEW program offers you the opportunity to learn elements of mechanical, electrical, materials and and business technologies as they relate to the generation, delivery and consumption of energy from renewable sources.

Why choose Alfred University?

- Our systems-level approach to education gives you access to the latest technologies and what it takes to apply them.
- The RNEW program offers small class sizes and individual attention from a dedicated faculty.
- Students are introduced to engineering in the very first year - in our RNEW discoveries laboratory and our first-year engineering sequence.
- Our four-year program provides you with the knowledge and skills you will need for success through a combination of classroom and laboratory experiences.
- Our curriculum is especially designed to hone your computing and problem-solving skills.
- Your capstone experience will be a senior design project where you can showcase your creative talents for solving real-world engineering problems.

Outcomes

Graduates of our program can look forward to working in energy industries specializing in renewable systems.

- You might work in industry as a professional trained in government regulation, or become a regulator yourself.
- You might assist corporations in improving transmission and grid integration, power markets, utility operation and planning methods, and product management.
- Above all, you will be able to communicate results to a broad audience including industrial, governmental and public sectors.

Accreditation

Alfred plans on seeking The American Board of Engineering and Engineering Technologies (ABET) accreditation for the new Renewable Energy Engineering program under general engineering guidelines.