

# Energy Science & Technology



- **Can solar and wind provide all the electricity we need?**
- **What's the future of coal, both in the US and internationally?**
- **Can energy technologies solve the climate challenge?**
- **How do nuclear power plants work?**
- **What is driving the energy system's rapid changes, and what other changes are ahead?**
- **Where are the business and market opportunities in the rapidly changing energy industry?**

Find out the answers to these and other energy-related questions in [ENST 5000 Energy Science and Technology](#), taught by CU-Boulder Environmental Studies Faculty member, [Paul Komor](#).

- **Learn** about energy basic concepts such as power, resources, and carriers.
- **Explore** how we produce, transform, and consume energy in the U.S.
- **Understand** how energy use contributes to environmental challenges, including climate change.
- **Assess** alternative energy to better understand its potentials and limitations.
- **Gain** a strong basic grounding in energy science and technology.
- **Apply** your knowledge to the energy challenges that lie ahead.

This course is offered online, and is open to anyone with an undergraduate degree. No technical background is required. All you need is a computer with an internet connection.

This course is part of the Renewable and Sustainable graduate and professional certificate programs. The course can also count towards the Masters of the Environment graduate program.

**Choose** how you want to study – on campus or online via live interaction or recorded rich media.

#### Interested?

-[Click here](#) for detailed course information

-[Click here](#) to email the Instructor

-[Click here](#) for information on our Energy Certificate program

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and Sustainability  
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