



Physics 150

Physics for Future Leaders

a.k.a. Physics of Societal Issues

Prof. Jeff Filippini
Tu/Th 9:30 - 10:50 a.m.
3 credit hours

U of I students go on to become leaders in many fields of endeavor: business, engineering, law, politics, the arts, and more. Many of the most important issues of our time relate to science and technology. What should every world leader (and citizen) know about physics?

We will discuss the science that will inform some of the most important decisions facing future leaders, including:

Power, Energy, and Explosions
Cars: Gasoline, Hybrid, Electric, ...?
Radioactivity, Nuclear Power, and Nuclear Weapons
Gravity, Space, and GPS
Waves, Light, Radar, and Medical Scans
Climate Change and Emerging Energy Sources

No previous coursework in physics is required. Satisfies Gen Ed PS+QR2 requirements.

