

Senior Level Earth and Space Science
2020-2021

2:00-3:00 pm



Oct	Nov	Dec	Jan	Feb	March	April	May
Earth Structures	Earth Systems and Patterns		Earth in Space and Time				
			Our Planetary System		Stars and Their Life Cycles	Galaxies and Cosmology	Understanding the Universe
10/6 – <i>What are we? Making sense of Earth Structures</i>	11/3 – <i>Cycles on Earth – moving matter and energy</i>	12/1 – <i>Weather and Climate</i>	1/5 - <i>Charting the Heavens: Telescopes, Spectroscopy and Radiation</i>	2/2 - <i>The Inner Planets: Mercury, Venus, Earth and Mars -</i>	3/2 – <i>The Sun and the Stars: Formation and Evolution</i>	4/6 – <i>The Milky Way and Galaxies Beyond</i>	5/4 – <i>Cosmology and the Fate of the Universe: The Big Bang and Beyond Part 2</i>
10/20 – <i>Building Earth: Geologic processes</i>	11/17 - <i>Mostly Water – Ocean Cycles and Impacts</i>	12/15 - <i>Living on Earth – Human Impacts</i>	1/19 - <i>The Solar System: Our Place in Space</i>	2/16 - <i>The Outer Planets: Jupiter, Saturn, Uranus and Neptune</i>	3/16 - <i>Stellar Remnants: White Dwarfs, Neutron Stars and Black Holes</i>	4/20 – <i>Cosmology and the Fate of the Universe: The Big Bang and Beyond Part 1</i>	5/18 – <i>The Copernican Revolution: Galileo, Hubble and Modern Science</i>