

LEARNING PATHS

PHYSICS



From the laws of motion first formulated 300 years ago by Sir Isaac Newton to the latest marvels of contemporary research, this series of physics courses allows you to share the joy of humanity's greatest ongoing adventure of discovery and exploration.

CORE COURSES

Get a firm understanding of how physics is the fundamental science with two courses that present a foundational basis without requiring anything more advanced than high-school math.

- [Physics and Our Universe](#)
- [The Theory of Everything: The Quest to Explain All Reality](#)

ELECTIVES: Digging Deeper (Choose 3)

Ground your understanding in the concepts of physics that anyone with a passing interest in the world around them should know by picking three courses that look at real-life applications.

- [Black Holes, Tides, and Curved Spacetime: Understanding Gravity](#)
- [Nuclear Physics Explained](#)
- [Radio Astronomy: Observing the Invisible Universe](#)
- [What Einstein Got Wrong](#)
- [Physics in Your Life](#)
- [The Science of Flight](#)
- [Dark Matter, Dark Energy: The Dark Side of the Universe](#)
- [Impossible: Physics Beyond the Edge](#)
- [Thermodynamics: Four Laws That Move the Universe](#)
- [The Higgs Boson and Beyond](#)
- [Mysteries of Modern Physics: Time](#)
- [Quantum Mechanics](#)