

Astro 100 MW Schedule

Daytime: Monday and Wednesday 12:00 to 1:15

IUPUI Physics Department (*subject to change: weather, covid, etc.*)

Spring 2022

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Note: Exam and Quiz dates are subject to change

<i>Week of</i>	<i>Topic</i>
Mon, Jan 10	Scientific Notation, Scale of the Universe The Big Picture, Distance Scales, Chap 1 Earth's Seasons, Phases of Moon, Chap 2
Mon, Jan 17	History of Astronomy, Chap 3 Early Astronomers Quiz 1, Newton's Laws, Motion
Mon, Jan 24	Conservation Laws, Chap 4 Quiz 2, Tidal Forces, Physics of Light
Mon, Jan 31	Doppler Shift, Physics of Matter, Chap 5 Quiz 3, Sub-atomic Particles Overview of Solar System, Terrestrials
Mon, Feb 7	Jovians, Major Moons of Jovians Kuiper Belt, Oort Cloud Quiz 4, Dwarf Planets, Asteroid Belt
Mon, Feb 14	EXAM 1 , Mon (2/14), covers all material to date (bring pencil) Solar System Evolution, Chap 8 Terrestrial Surfaces, Geology of Terrestrials
Mon, Feb 21	Mercury, Venus, Chap 9 Mars, Water on Mars, Chap 10 Quiz 5, Atmospheres of Terrestrials

<i>Week of</i>	<i>Topic</i>
Mon, Feb 28	Atmospheric Gases, Coriolis Effect Jovians, The Great Red Spot Quiz 6, Jovian Atmospheres & Clouds
Mon, Mar 7	Moons of the Jovians, Chap 11 Rings of Saturn Quiz 7, Roche Limit
Mon, Mar 21	Asteroids, Comets Dwarfs: Ceres, Pluto, Eris, Chap 12 Quiz 8, KT Boundary, "The Big One" Impact Rates, Tunguska
Mon, Mar 28	EXAM 2 , Mon (3/28), covers material following Exam 1 (bring pencil) Extra-Solar Systems, Chap 13 Methods of Detection
Mon, Apr 4	Dynamics of Sun, Chap 14 Quiz 9, Sun's Structure Nuclear Fusion, Proton-Proton Chain
Mon, Apr 11	Photons in the Sun, Ray Davis Neutrino Dynamics, Frank Drake Quiz 10, Life Beyond Earth
Mon, Apr 18	Einstein's Theory of Gravity The Special and General Theories Quiz 11, High Curvature Regions
Mon, Apr 25	Big Bang Theory Eras of Big Bang, Penzias and Wilson Quiz 12, CMBR, Parallel Universes
Wed, Apr 27	EXAM 3 , Wednesday (April 27) 12:00 to 1:15 Semi-Comprehensive, details to be provided (bring pencil) (Course ends following this exam.)