

Astro 100 Master Schedule

Daytime: 10:30 to 11:45 on Tuesdays and Thursdays
IUPUI Physics Department

Fall 2022

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<i>Week of</i>	<i>Topics</i>
Mon, Aug 22	Scientific Notation, Scale of the Universe The Big Picture, Light-year, Distances, Chap 1 Earth's Seasons
Mon, Aug 29	Phases of Moon, Chap 2 Quiz 1, History of Astronomy, Chap 3 Newton's Laws
Mon, Sep 5	Conservation Laws, Chap 4 Quiz 2, Tidal Forces Physics of Light
Mon, Sep 14	Physics of Matter, Chap 5 Quiz 3, Wavelength, Doppler Shift Overview of Solar System
Mon, Sep 19	Sun Introduction, Chap 7 Quiz 4, Planets Introduction/Overview EXAM 1 , Thur (9/22), covers all material to date (bring pencil)
Mon, Sep 26	Solar System Evolution, Chap 8 Jovians, Terrestrials Quiz 5, Geology of Terrestrials
Mon, Oct 3	Mercury, Venus, Chap 9 Mars, Moon Quiz 6, Atmospheres of Terrestrials

<i>Week of</i>	<i>Topics</i>
Mon, Oct 10	Mercury, Venus, Chap 10 Mars, Moon Quiz 7, Jovians
Mon, Oct 17	(Thur only) Moons of the Jovians, Chap 11 Rings of Saturn
Mon, Oct 24	Quiz 8, Asteroids Comets, Chap 12 Kuiper Belt, "The Big One"
Mon, Oct 31	EXAM 2 , Tue (11/1), covers material following Exam 1 (bring pencil) Beyond our Solar System, Chap 13 Detecting other Planets
Mon, Nov 7	Quiz 9, Sun Dynamics of Sun, Chap 14 Four Fundamental Forces
Mon, Nov 14	Quiz 10, Sun's Energy Nuclear Physics: Fission, Fusion Life-cycle of Sun
Mon, Nov 21	Thanksgiving Break
Mon, Nov 28	Einstein's Theory of Gravity The Special and General Theories Shift of the Perihelion of Mercury
Mon, Dec 5	Origin of Universe, Big Bang Infinite Universe? EXAM 3 , Thur (12/8), covers material following Exam 2 (bring pencil)
Mon, Dec 12	Finals Week: FINAL EXAM , Thursday (Dec/15) 10:30 AM (Details provided later in the semester)