

Astro 100 Master Schedule

Daytime: 10:30 to 11:45 on Tuesdays and Thursdays

IUPUI Physics Department

Fall 2018

Instructor Brian Woodahl
E-Mail bwoodahl@iupui.edu
Office LD 156-S
Telephone 278-9244

<i>Week of</i>	<i>Topic</i>
Mon, Aug 20	Scientific Notation, Scale of the Universe The Big Picture, Light-year, Distances, Chap 1 Earth's Seasons
Mon, Aug 27	Phases of Moon, Chap 2 Quiz 1, History of Astronomy, Chap 3 Newton's Laws
Mon, Sep 3	Conservation Laws, Chap 4 Quiz 2, Tidal Forces Physics of Light
Mon, Sep 10	Physics of Matter, Chap 5 Quiz 3, Wavelength, Doppler Shift Overview of Solar System
Mon, Sep 17	Sun Introduction, Chap 7 Quiz 4, Planets Introduction/Overview EXAM 1 , Thur (9/20), covers all material to date (bring pencil)
Mon, Sep 24	Solar System Evolution, Chap 8 Jovians, Terrestrials Quiz 5, Geology of Terrestrials
Mon, Oct 1	Mercury, Venus, Chap 9 Mars, Moon Quiz 6, Atmospheres of Terrestrials

<i>Week of</i>	<i>Topic</i>
Mon, Oct 8	Mercury, Venus, Chap 10 Mars, Moon Quiz 7, Jovians
Mon, Oct 15	Moons of the Jovians, Chap 11 Rings of Saturn
Mon, Oct 22	Quiz 8, Asteroids Comets, Chap 12 Kuiper Belt, "The Big One"
Mon, Oct 29	EXAM 2 , Tue (10/30), covers material following Exam 1 (bring pencil) Beyond our Solar System, Chap 13 Detecting other Planets
Mon, Nov 5	Quiz 9, Sun Dynamics of Sun, Chap 14 Four Fundamental Forces
Mon, Nov 12	Quiz 10, Sun's Energy Nuclear Physics: Fission, Fusion Life-cycle of Sun
Mon, Nov 19	Quiz 11, Life in the Universe Extraterrestrial Intelligence, Chap 24 Drake's Equation
Mon, Nov 26	Quiz 12, Einstein's Theory of Gravity The Special and General Theories Shift of the Perihelion of Mercury
Mon, Dec 3	Origin of Universe Big Bang Theory Infinite Universe?
Mon, Dec 10	FINAL EXAM , Thursday (Dec/13) 10:30 AM to 12:30 PM Comprehensive -- covers all material (bring pencil) (no class Tuesday, final exam week begins that day)