

## Astro 100 Master Schedule

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

**Fall 2019**

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<i>Week of</i>	<i>Topic</i>
Mon, Aug 26	Scientific Notation, Scale of the Universe The Big Picture, Light-year, Distances, Chap 1 Earth's Seasons
Mon, Sep 2	Phases of Moon, Chap 2 Quiz 1, History of Astronomy, Chap 3 Newton's Laws
Mon, Sep 9	Conservation Laws, Chap 4 Quiz 2, Tidal Forces Physics of Light
Mon, Sep 16	Physics of Matter, Chap 5 Quiz 3, Wavelength, Doppler Shift Overview of Solar System
Mon, Sep 23	Sun Introduction, Chap 7 Quiz 4, Planets Introduction/Overview <b>EXAM 1</b> , Thur (9/26), covers all material to date (bring pencil)
Mon, Sep 30	Solar System Evolution, Chap 8 Jovians, Terrestrials Quiz 5, Geology of Terrestrials
Mon, Oct 7	Mercury, Venus, Chap 9 Mars, Moon Quiz 6, Atmospheres of Terrestrials

<i>Week of</i>	<i>Topic</i>
Mon, Oct 14	Mercury, Venus, Chap 10 Mars, Moon Quiz 7, Jovians
Mon, Oct 21	Moons of the Jovians, Chap 11 Rings of Saturn
Mon, Oct 28	Quiz 8, Asteroids Comets, Chap 12 Kuiper Belt, "The Big One"
Mon, Nov 4	<b>EXAM 2</b> , Tue (11/5), covers material following Exam 1 (bring pencil) Beyond our Solar System, Chap 13 Detecting other Planets
Mon, Nov 11	Quiz 9, Sun Dynamics of Sun, Chap 14 Four Fundamental Forces
Mon, Nov 18	Quiz 10, Sun's Energy Nuclear Physics: Fission, Fusion Life-cycle of Sun
Mon, Nov 25	Life in the Universe Extraterrestrial Intelligence, Chap 24 Drake's Equation
Mon, Dec 2	Quiz 11, Einstein's Theory of Gravity The Special and General Theories Shift of the Perihelion of Mercury
Mon, Dec 9	Quiz 12, Origin of Universe Big Bang Theory Infinite Universe?
Mon, Dec 16	<b>FINAL EXAM</b> , Thursday (Dec/19) 10:30 AM to 12:30 PM Comprehensive -- covers all material (bring pencil) (no class Tuesday, final exam week begins that day)