

Syllabus and Approximate Schedule

The following table contains a detailed syllabus. This schedule is subject to change during the semester – please check CourseTools website (ctools.umich.edu) regularly for updates.

In the table we have used a few abbreviations. For instructors, **LH** = Lee Hartmann, **DM** = Dipankar Maitra. Our “special textbook” consists of sections from two other textbooks. The assigned reading below specifies which section to read. The first part is from “The Solar System: The Cosmic Perspective” (**SS**), and the second part is from “Life in the Universe” (**LU**).

Dates	Instructor	Book Section	Chapter Title
Sep 5	LH,DM	SS	1. Our Place in the Universe
Sep 7	LH	LU	1. A Universe of Life?
Sep 10,12,14	DM	SS	2. Discovering the Universe for Yourself
Sep 14,17,19	DM	SS	3. The Science of Astronomy
Sep 21,24,26	DM	SS	4. Making Sense of the Universe: Motion, Energy, Gravity
Sep 28, Oct 1,3	DM	SS	5. Light and Matter: Reading Messages from the Cosmos
Oct 5 (Fri): EXAM I			
Oct 8,10	DM	SS	7. Our Planetary System
Oct 12,17	LH	SS	8. Formation of the Solar System
<i>Study break Oct. 15</i>			
Oct 19,22	DM	SS	9. Planetary Geology: Earth & the Other Terrestrial Worlds
Oct 24,26	DM	SS	10. Planetary Atmospheres: Earth & the Other Terrestrial Worlds
Oct 29,31	DM	SS	11. Jovian Planet Systems
Nov 2,5	LH	SS	12. Remnants of Rock and Ice: Asteroids, Comets (and Pluto)
Nov 7 (Wed): EXAM II			
Nov 9,12	LH	LU	4. The Habitability of Earth
Nov 14,16	LH	LU	5. The Nature of Life on Earth
Nov 19,21	LH	LU	6. The Origin and Evolution of Life on Earth
<i>Thanksgiving recess</i>			
Nov 26	LH	LU	7. Searching for Life in Our Solar System
Nov 28	LH	LU	8. Mars
Nov 30	LH	LU	9. Life on the Jovian Moons
Dec 3	LH	LU	10. The Nature and Evolution of Habitability
Dec 5,7	LH	LU	11. Habitability Outside the Solar System
Dec 9	LH	LU	Review
EXAM III: Dec. 18 1:30p (2pm lecture); Dec 20 1:30pm (1pm lecture)			