



Attention Science Majors and Science Enthusiasts

Announcing an Exciting new class for Fall 2011:

PH 482 Section 001: **Introduction to Astrobiology**

Do not let the *Physics* course listing confuse you. This class is aimed at all science majors, especially, **Biology, Chemistry, Geology, Physics, & Astronomy** students!

What is Astrobiology?

Astrobiology is an exciting, new, interdisciplinary field studying Life in the Universe covering the broad topics of the origin, distribution, and evolution (both past and future) of life throughout our universe.

Astrobiology seeks to answer the questions:

- 1) How does life begin and evolve?
- 2) How would we look for evidence of life?
- 3) Does life exist elsewhere in the Universe?
- 4) What is the future of life on the Earth, and beyond?

New planets are being discovered every week. Some of these planets are Earth-like! We are discovering life on the Earth everywhere we look, even in shockingly extreme environments. Scientists are currently planning missions to look for life on other planets and moons in our solar system.

If you are interested in any of these topics, then *this class is for you!*

We will cover the fundamentals of physics, chemistry, geology, and biology to equip you with the background to consider these and other “big questions” as we examine where life may be lurking in our solar system, consider the latest discoveries in Astrobiology as they occur, and look out into our galaxy and beyond to ask the question:

Are we alone in the Universe?

We will follow the textbook: *Astrobiology: A Multidisciplinary Approach* by Jonathan Lunine, currently available as an eText through www.CourseSmart.com.

Enroll in **PH482: Introduction to Astrobiology** today!

Questions? Contact Dr. Murray Silverstone, mdsilverstone@ua.edu, 326 Gallalee Hall 348-6239