Course Schedule - Spring 2007

Astronomy

122 ***Stars and Galaxies*** Credit: 3 hours.

Introduction to astrophysical objects and phenomena beyond the solar system, and the governing basic physical principles; galaxies, quasars, and structure of the universe; cosmology; the Milky Way; the interstellar medium and the birth of stars; distances, motions, radiation, structure, evolution, and death of stars, including neutron stars and black holes. Emphasis will be placed on problem-solving and scientific methods. Two lectures and one discussion each week, and observing sessions during the term. Intended for non-science majors; science and Astronomy majors should take ASTR 210. Credit not given to students with credit in ASTR 100 or ASTR 210, or in PHYS 212 or higher-level physics course. Students with credit in PHYS 211 are encouraged to take ASTR 210. Prerequisite: Credit or concurrent enrollment in a Quantitative Reasoning I course.

This course satisfies the General Education Criteria for a Physical Sciences, and Quant Reasoning II course.

ASTR 121 and ASTR 122 cover the same topics as ASTR 100, but the material and topics are covered in much more depth over two semesters instead of one. ASTR 121 and ASTR 122 are independent offerings and can be taken in any order. While ASTR 121 and ASTR 122 are for non-science majors, problems solving with basic algebra is required. Science and astronomy majors should take ASTR 210.

CRN	Type	Section	Time	Days	Location	Instructor
30834	discussion-recitation	AD1	10:00 AM - 10:50 AM	W	room 184 Lincoln Hall	Thompson, L; Dolence, J
30834: Physical Sciences, and Quant Reasoning II course.						
30836	discussion-recitation	AD2	10:00 AM - 10:50 AM	W	room 140 Lincoln Hall	Thompson, L; Seale, J
30836: Physical Sciences, and Quant Reasoning II course.						
30839	discussion-recitation	AD3	11:00 AM - 11:50 AM	W	room 184 Lincoln Hall	Thompson, L; Dolence, J
30839: Physical Sciences, and Quant Reasoning II course.						
30840	discussion-recitation	AD4	11:00 AM - 11:50 AM	W	room 140 Lincoln Hall	Thompson, L; Seale, J
30840: Physical Sciences, and Quant Reasoning II course.						
30841	discussion-recitation	AD5	12:00 PM - 12:50 PM	W	room 184 Lincoln Hall	Thompson, L; Dolence, J
30841: Physical Sciences, and Quant Reasoning II course.						
30842	discussion-recitation	AD6	12:00 PM - 12:50 PM	W	room 140 Lincoln Hall	Thompson, L; Seale, J
30842: Physical Sciences, and Quant Reasoning II course.						
30844	discussion-recitation	AD7	12:00 PM - 12:50 PM	W	room 118 Lincoln Hall	Thompson, L
30844: Discovery, Physical Sciences, and Quant Reasoning II course.Stars and Galaxies, 1 hour. Introduction to astrophysical objects and phenomena beyond the solar system, and the governing basic physical principles; galaxies, quasars, and structure of the universe; cosmology; the Milky Way; the interstellar medium and the birth of stars; distances, motions, radiation, structure, evolution, and death of stars, including neutron stars and black holes. Emphasis will be placed on problem-solving and scientific methods. Two lectures and one discussion each						

week, and observing sessions during the term. Intended for non-science majors. First Year Discovery Program Course. Registration restricted to freshmen. Students should enroll in only one Discovery course.						
30845	lecture	AL1	01:00 PM - 01:50 PM	TR	room 112 Chemistry Annex	Thompson, L
30845: Physical Sciences, and Quant Reasoning II course.						