Astronomy

ASTR 100  Introduction to Astronomy  credit: 3 hours.
Introduces the student to the basic concepts of modern astronomy. Covers topics including the night sky; the solar system and its origin; the nature and evolution of stars; stellar remnants, including white dwarfs, neutron stars, and black holes; extrasolar planetary systems; galaxies and quasars; dark matter and dark energy; the Big Bang and the fate of the universe; and life in the universe. Credit is not given for ASTR 100 if credit in any of ASTR 121, ASTR 122, ASTR 210, or equivalent has been earned. Students with credit in PHYS 211 are encouraged to take ASTR 210.

Students interested in ASTR 100 should also consider ASTR 121 or ASTR 122 which covers the same materials and topics but in two semesters instead of one. ASTR 121 and ASTR 122 include two lectures each week and one weekly small discussion meeting for more individual attention. ASTR 121 and ASTR 122 are independent offerings and can be taken in any order. While ASTR 100, ASTR 121 and ASTR 122 are for non-science majors, problem solving with basic algebra is required. Science and astronomy majors should take ASTR 210.

This course satisfies the General Education Criteria for a:
Nat Sci & Tech - Phys Sciences

<table>
<thead>
<tr>
<th>CRN</th>
<th>Type</th>
<th>Section</th>
<th>Time</th>
<th>Days</th>
<th>Location</th>
<th>Instructor</th>
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<tbody>
<tr>
<td>41827</td>
<td>Lecture</td>
<td>1</td>
<td>12:00 PM - 12:50 PM</td>
<td>MWF</td>
<td>100 - Gregory Hall</td>
<td>Winans, A</td>
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Nat Sci & Tech - Phys Sciences course.

| 58800| Online | ONL | ARRANGED - | - | Winans, A |

Nat Sci & Tech - Phys Sciences course.
This is an accelerated 8 week course and may require more time commitment per week than a traditional 16 week course. Go to the following URL: https://courses.las.illinois.edu to access the Moodle course management system login page. No planetarium session is required for this online section. This section will have one or more proctored online exams which may carry additional fees. Proctoring options include fee-based ProctorU, approved proctoring centers, and approved testing facilities that carry no fees.