

**REQUIREMENTS FOR THE MINOR**  
**COLLEGE OF ARTS & SCIENCES**  
 THE UNIVERSITY OF OKLAHOMA

GENERAL REQUIREMENTS	
Minimum Total Hours . . . . .	26
Upper Division Hours . . . . .	9

Minor in: <u><b>Astronomy</b></u> <b>N080</b>
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**The requirements for a minor must be completed concurrently with the major degree requirements.  
 No minor may be added by completing courses after receiving the bachelor's degree.**

REQUIRED COURSES		
<p><b>PHYS 1205</b>, Introductory Physics I for Physics Majors                      or  <b>PHYS 2514</b>, General Physics for Engineering and Science Majors</p>	4-5	<p>At least six (6) credit hours must be earned in courses acceptable for residence credit by standards set forth by the College of Arts and Sciences, excluding transfer, correspondence, and examination (AP, CLEP, Advanced Standing) credit. Courses for the minor may not be taken Pass/No Pass.</p> <p>Students must successfully complete at least 26 hours of courses acceptable for major credit in Astronomy, including at least nine (9) hours at the upper-division level.</p> <p><i>No single course may be used by a student to satisfy a major requirement and a minor requirement.</i> A course may be used, however, to satisfy both a major support requirement and a minor requirement. Requests to substitute a minor requirement must be approved in writing by the Department of Physics &amp; Astronomy.</p>
<p><b>PHYS 1215</b>, Introductory Physics II for Physics Majors                      or  <b>PHYS 2524</b>, General Physics for Engineering and Science Majors</p>	4-5	
<p><b>PHYS 2203</b>, Introductory Physics III: Modern Physics</p>	3	
<p><b>PHYS 3043</b>, Physical Mechanics I</p>	3	
<p><b>ASTR 2513</b>, Introductory Astrophysics</p>	3	
<p><b>ASTR 3103</b>, Stars</p>	3	
<p><b>ASTR 3113</b>, Galaxies and Cosmology</p>	3	
<p><b>MATH 2443</b>, Calculus and Analytic Geometry IV</p>	3	
	3	

Minors in the College of Arts & Sciences are available to all undergraduate students at OU. If the minor is officially declared, successfully completed, and noted on the graduation application, the student's transcript will so indicate at the time the bachelor's degree is posted.

Approved May 2005