

**MS in Physics  
Kansas State University  
Learning Outcomes**

<b>Physics Major Goals</b>	<b>University-Stated Goals</b>	<b>Relevant Physics Curriculum</b>
<i>All participants in this Physics degree program at Kansas State University should possess the following skills and abilities upon graduation:</i>	<i>The following are aspects of Kansas State University's Stated Learning Outcomes that are met by departmental goals.</i>	<i>The below-listed courses or activities are considered to meet or help in meeting the goal stated in the leftmost column.</i>
1) Have a good foundation of knowledge in advanced level physics.	Knowledge, Critical Thinking	Physics graduate courses
2) Have hands-on experience with physics research	Knowledge, Personal and Professional Development	Research for thesis
3 Understand career options appropriate to their degree programs, both within and outside the field.	Ownership of Learning, Personal and Professional Development, Diversity	Research and teaching experiences, Mentoring
4 Be capable of communicating information, scientific or otherwise, in both written and verbal form.	Communication	Teaching experience; Seminars (PHYS 807, Journal Club (PHYS 806). M.S. Thesis t