

Received

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Planning and Analysis

**BS in General 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 in the basics of experimental physics.	Knowledge, Critical Thinking	PHYS 122, PHYS 123, PHYS 223, PHYS 224, PHYS 325, PHYS 506
2) Have a good foundation of knowledge in the basics of theoretical physics.	Knowledge, Critical Thinking	PHYS 122, PHYS 123, PHYS 223, PHYS 224, PHYS 325, PHYS 522, PHYS 532, PHYS 664, PHYS 662
3) Have hands-on experience with common mathematical, computational and experimental tools.	Knowledge, Personal and Professional Development	All required courses
4) Have good skills related to the collecting, recording and analysis of data	Communication, Personal and Professional Development	PHYS 223, PHYS 224, PHYS 325, PHYS 506
5) Understand career options appropriate to their degree programs, both within and outside the field.	Ownership of Learning, Personal and Professional Development, Diversity	PHYS 122, PHYS 123, Undergraduate research experiences, teaching, internships, interaction with faculty, Physics Club
6) Be capable of communicating information, scientific or otherwise, in both written and verbal form.	Communication	All required courses
7) Understanding of one advanced topic in theoretical or experimental physics.	Knowledge, Critical Thinking	PHYS 6XX elective
8) Adequate preparation to succeed in advanced studies in technical disciplines, professional schools, or employment in the technical industry	All	All courses