

# PHYSICS PATHWAY (ASCC)

Code	Title	Hours
<b>Required Courses</b>		
PHYS 2211K	Prin Physics I	4
PHYS 2212K	Principles of Physics II	4
MATH 1502	Calculus II <sup>1</sup>	4
MATH 2501	Calculus III <sup>1</sup>	4
Select 0-8 hours of the following:		0-8
ASTR 1010K	Astronomy of Solar System	
ASTR 1020K	Stellar & Galactic Astronomy	
CSCI 1301	Computer Science I	
CSCI 1302	Computer Science II	
GEOL 1121K	Intro Geosci I: Phys Geol	
GEOL 1122K	Intro Geosci II: Hist Geol	
MATH 1401	Elementary Statistics	
MATH 2201	Intro to Linear Algebra	
Mathematics and STEM excess		2
<b>Total Hours</b>		<b>18-26</b>

<sup>1</sup> MATH 1502 Calculus II and MATH 2501 Calculus III are required unless used to satisfy Mathematics or STEM Requirements.

## Hours Applied to Field of Study: 18

For students transferring to engineering programs the following recommendations are made:

- For Humanities, Arts & Ethics requirements, students should take COMM 1110 Public Speak, COMM 1500 Intro to Interpersonal Commun or foreign language courses.
- For Social Science requirements, students should take ECON 2105 Prin Macroeconomics and ECON 2106 Prin Microeconomics to fulfill the two-course elective requirement.
- In Field of Study area, students should choose from MATH 2201 Intro to Linear Algebra, CSCI 1301 Computer Science I and CSCI 1302 Computer Science II as elective courses.

**Courses may not be used to satisfy more than one requirement.**