

Physics/Physical Science

Associate in Science

Program/CIP Code: NASC.AS/24.0101

Credits Required: 69

Division: Math, Science & Business Technology

Contact: MSBT@kckcc.edu

The Department of Physical Science strives to develop in its students a comprehensive grasp of the principles of Physics and to generate opportunities for optimized learning of Physical Science concepts through interdisciplinary interactions. We offer high quality learning experiences that include a variety of courses appropriate for a diverse student body.

Requirements for admission to the program:

- No requirements for admission to the program.
- Contact program for program-specific advising.

College Requirement

Course		Credit Hours
BLUE 0101	Freshman Seminar	1

General Education Requirements

Course		Credit Hours
ENGL 0101	Composition I*	3
ENGL 0102	Composition II*	3
SPCH 0151 OR SPCH 0201	Public Speaking OR Interpersonal Communication	3
	Humanities Elective (2 disciplines)	6
	Social Science Elective (2 disciplines)	6
MATH 0122	Calculus and Analytic Geometry I**	5
MATH 0123	Calculus and Analytic Geometry II**	5
CHEM 0111	College Chemistry I and Lab	5
CHEM 0112	College Chemistry II and Lab	5
Total Hours for General Education Requirements		41

* See course description for prerequisite.

** Math sequence is contingent upon previous high school mathematics background and transfer institution. Students should confer with an advisor to determine correct placement.

Physics Requirements*

Course		Credit Hours
MATH 0224	Calculus and Analytic Geometry III	5
MATH 0227	Differential Equations	3
NASC 0245	Engineering Physics I	5
NASC 0246	Engineering Physics II	5
NASC 0248	Statics	3
NASC 0249	Dynamics	3
	Computer Programming Elective	3
Total Hours for Physics Requirements		27
*See course syllabi for physics prerequisites.		

Total Hours for an Associate in Science in Physics/Physical Science Degree	69
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