

Physical Sciences (AA)

Degree Type: Associate of Arts Degree—University Parallel Major

Division: Business, Education, Math, Science & Technology

Purpose: Transfer. The Associate of Arts degree, Physical Sciences concentration, is designed for students who plan to transfer to a four-year college or university to major in PHYSICS.

FIRST YEAR

Fall Semester			Hours	✓
ENGL	111 ⁽¹⁾	College Writing	3	
CHEM	121 ⁽¹⁾	General Chemistry I	5	
SCOM	110 ⁽¹⁾	Public Speaking	3	
SCOM	101 ⁽¹⁾	Human Communication		
		Humanities Gen Ed course	3	
HPER		P. E. Activity	1	
TOTAL HOURS			15	

Spring Semester			Hours	✓
ENGL	112 ⁽¹⁾	Advanced College Writing	3	
GOVT	121 ⁽¹⁾	National and State Government	3	
BIOL	190 ⁽¹⁾	Biology for Majors ⁽²⁾	5	
MATH	171 ⁽¹⁾	Analytic Geometry and Calculus I	5	
HPER		P. E. Activity	1	
TOTAL HOURS			17	

SECOND YEAR

Fall Semester			Hours	✓
		Humanities Gen Ed course	3	
		Social & Behavior Sciences Gen Ed course	3	
MATH	271 ⁽¹⁾	Analytic Geometry and Calculus II	5	
PHYS	211 ⁽¹⁾	General Physics I	5	
TOTAL HOURS			16	

Spring Semester			Hours	✓
CPST	290	General Education Capstone	1	
		Humanities Gen Ed course	3	
HIST	111 ⁽¹⁾	American History to 1877	3	
HIST	112 ⁽¹⁾	American History since 1877		
MATH	272 ⁽¹⁾	Analytic Geometry and Calculus III	5	
PHYS	212 ⁽¹⁾	General Physics II	5	
TOTAL HOURS			17	

Additional Science Electives

CHEM	122 ⁽¹⁾	General Chemistry II	5	
CHEM	240 ⁽¹⁾	Basic Organic Chemistry	5	
PHYS	150 ⁽¹⁾	Environmental Geology	3	

⁽¹⁾ Course has prerequisite or placement requirements.

⁽²⁾ For the Physical Sciences concentration, BIOL 190—Biology for Majors meets the VALU General Education requirements.

Gen Ed Requirements are listed in shaded boxes above; please see individual course descriptions for prerequisites, corequisites, and/or other requirements.