



Associate of Science - Physics

Transfer Pathway 2025-2026 Catalog Year

This guide is subject to change and should be used in consultation with an academic advisor.

First Year

Fall Semester		Spring Semester		
CHEM 1210 General Chemistry I	4	MATH 1220 Calculus II	4	
CHEM 1215 General Chemistry Lab I	1	PHYS 2210 Physics for Science & Engineering I	4	
ENGL 1010 Introduction to College Writing (WC)	3	PHYS 2215 Physics for Sci & Eng Lab I	1	
MATH 1210 Calculus I (QL)	4	Life Sciences (LS)	3	
Humanities (HU)	3	General Elective	3	
Total		15	Total 15	

Second Year

Fall Semester		Spring Semester		
MATH 2210 Multivariate Calculus	3	MATH 2250 Differential Eq/Linear Algebra	4	
PHYS 2220 Physics for Science & Engineering II	4	PHYS 2710 Introductory Modern Physics for Scientists and Engineers	3	
PHYS 2225 Physics for Sci & Eng Lab II	1	American Institutions (AI)	3	
PHYS 2500 Introduction to Computer Methods in Physics	3	Social Science (SS)	3	
ENGL 2100 Technical Writing (WC)	3	Arts (AR)	3	
Total		14	Total 16	

*Indicates course specific to U of U transfer

Bachelor of Science - Physics



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Third Year

Fall Semester		Spring Semester		
PHYS 1980 Undergraduate Seminar I	1	PHYS 3980 Undergraduate Seminar II	1	
General Elective or PHYS Elective	3	PHYS 3010 Physics IV – Intermediate Mechanics with Special Relativity	4	
General Elective or Emphasis Course	3	BD-CW	3	
General Elective or Emphasis Course	3	UD General Elective or Emphasis Course	3	
General Elective	3	General Elective or Emphasis Course	4	
General Elective	2			
Total		15	Total 15	

Fourth Year

Fall Semester		Spring Semester		
PHYS 4010 Physics V – Electromagnetism and Quantum Mechanics	4	PHYS 4XXX Elective	4	
PHYS 4XXX Elective	3	PHYS 3XXX Elective	4	
BD-DV	3	BD-IR	3	
UD General Elective or Emphasis Course	3	UD General Elective or Emphasis Course	3	
UD General Elective or Emphasis Course	3			
Total		16	Total 14	