



Associate of Science - Physics

Transfer Pathway 2023-24 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 Intro to Writing (EN)	3	PHYS 2215 Physics for Science & Engineering Lab I	1
MATH 1210 Calculus I (QL)	4	Fine Arts (FA)	3
Life Science (LS)	3	International & Global (IG)	3
		Lifelong Wellness (LW)	1
	Total 15		Total 16

Second Year

Fall Semester		Spring Semester	
ENGL 2010 Intermediate Writing (EN)	3	MATH 2250 Differential Eq/Linear Algebra	4
MATH 2210 Multivariate Calculus	3	PHYS 2710 Intro Modern Physics for Sci & Eng	3
PHYS 2220 Physics for Science & Engineering II	4	American Institutions (AI)	3
PHYS 2225 Physics for Science & Engineering Lab II	1	Social Science (SS)	3
PHYS 2500 Introduction to Computer Methods	2	Humanities (HU)	3
Communication (CM)	3		
	Total 16		Total 16

University of Utah graduation requirements specific to the program/major:

- Minimum GPA of 2.0 in major courses
- All major courses must be passed with a "C-" or better

Bachelor of Science - Physics

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Third Year

Fall Semester		Spring Semester	
Bachelor Degree CW	3	PHYS 3010 Physics IV – Intermediate Mechanics	4
PHYS 3980 Undergraduate Seminar	1	Emphasis Course or General Elective	3
PHYS 3XXX Elective*	3-4	PHYS 4XXX Elective*	3
Upper-Division General Elective	3-4	Upper-Division General Elective	3
General Elective	3-4	General Elective	3
	Total 14-16		Total 16

Fourth Year

Fall Semester		Spring Semester	
PHYS 4010 Physics V – Electrodynamics and Quant	4	PHYS 4XXX Elective*	3
Emphasis Course or General Elective	3	Emphasis Course or General Elective	3
Bachelor Requirement or Upper-Division Elect	3	Emphasis Course or General Elective	3
Upper-Division General Elective	3	Bachelor Degree IR	3
Upper-Division General Elective	3	Upper-Division General Elective	3
	Total 16		Total 15

* One elective course must be from this set of courses: PHYS 3330, PHYS 3410, PHYS 3610, PHYS 3719/3729, PHYS 3730, ASTR/PHYS 4060, PHYS 4800, PHYS 5140