

Physics AS-T Degree Checklist 2019-2020

This worksheet is a guideline for this major. Please meet with a counselor to review your educational plan, transfer goals, and graduation requirements.

Major Requirements

Need	In Progress	Complete	UNITS	COURSE #	COURSE NAME	EQUIVALENT
			4	PHYS 040	Physics for Scientists & Engineers I	
			4	PHYS 041	Physics for Scientists & Engineers II	
			4	PHYS 042	Physics for Scientists & Engineers III	
			4	MATH 210	Calculus & Analytic Geometry I	
			4	MATH 220	Calculus & Analytic Geometry II	
			4	MATH 230	Calculus & Analytic Geometry III	

24 Units in the Major

CSU General Education Breadth Requirements Course Recommendations

Need	In Progress	Complete	UNITS	AREA	REQUIRED	RECOMMENDED COURSE	EQUIVALENT/ALTERNATE
			3	A-1	1	SPCH 110, 120	
			3	A-2	1	ENGL 100	
			3	A-3	1	ENGL 220, 221, 230, PHIL 110, 210, SPCH 120	
			4	B-1	1	PHYS 40*	Satisfied by major requirement
			3-5	B-2	1	ANTHR 1, BIOSC 7, 8, 10, 20, 21, 40, 45, 50,	
				B-3	1	PHYS 40*	Satisfied by major requirement
				B-4	1	MATH 50*	Satisfied by major requirement
			3	C-1	1	ART 005, 006, 007, 008, 009, 035, DRAMA 015, 016, 025, 070, 072, HUMAN 035, MUSIC 010, 012, 015, 017, SPAN 060	
			3-5	C-2	1	ART 016, 017, 018, CHIN 030, 040, DRAMA 030, ENGL 113, 114, 124, 127, 128, 129, 132, 133, 140, 145, 150, 205, 210, 211, 230, 231, FRNCH 060, 061, HIST 029, 030, 031, 033, 034, 035, 038, 039, 040, 046, 047, 052, 055, 056, 057, 060, 061, HUMAN 019, 020, 021, 022, 024, 030, 050, ITAL 060, 061, PHIL 100, 120, 122, 130, 132, 133, 140, 150, 151, POLSC 133, SIGN 050, 051, 052, SPAN 049, 050, 051, 052, 053	
			3-5	C-1 or C-2	1 Add'l	<i>See C-1 and C-2 Above</i>	
			3	D	1	POLSC 010, 040 or 060	
			3	D	1	ECON 005, HIST 029, 030, 046, 047, 052, 056, 057, 060, 061	
			3	D	1	ADJUS 110, 160, 220, ANTHR 004, 005, 006, 007, 008, CHDEV 010, 020, 050, ECON 005, 010, 011, ENGL 110, 135, 136, HIST 029, 030, 031, 033, 034, 035, 038, 039, 040, 046, 047, 052, 055, 056, 057, 060, 061, JOURN 100, POLSC 010, 040, 043, 050, 060, 133, PSYCH 010, 011, 014, 017, SOCIO 015, 016, 017, SOCSC 045, 110, 135, 136, 150, SPCH 130, 150	
			3	E	1	ACS 010, ANTHR 007, BIOSC 005, CHDEV 010, COUNS 036, KINES 100, PSYCH 14, SOCIO 12	
					1 or 2	POLSC 010, 040 or 060	
					1	ECON 005, HIST 029, 030, 046, 047, 052, 056, 057, 060, 061	

40 - 44 Units of General Education

Recommended Electives

Need	In Progress	Complete	UNITS	COURSE #	COURSE NAME	EQUIVALENT/SUBSTITUTE
Select a minimum of 0 – 4 Units:						
				Math 250		
				Math 240		

0 - 4 units of elective courses needed to meet the 60 transferrable unit requirement

*These courses are recommended for the PHYS major.

Group A & B courses satisfy 2 of the area D requirements, but the units do not double count

CSU Degree Pathways for Physics for Transfer AST

Bakersfield	Physics	Physics - General
Chico	Physics	General Physics
Dominguez Hills	Physics	Physical Science
East Bay	Physics	Physics - General
Fresno	Natural Sciences	Natural Sciences - Physics
Fresno	Physics	Physics
Fullerton	Physics	Physics - General
Humboldt	Physics	Physics - General
Long Beach	Physics	Physics - General
Los Angeles	Physics	General
Northridge	Physics	Astrophysics, General, Physics
Pomona	Physics	General
Sacramento	Physics	Physics
San Bernardino	Physics	General
San Diego	Physics	General, Modern Optics
San Francisco	Physics	Astronomy, Astrophysics, Physics – General, Physics for Teaching
San Jose	Humanities	Liberal Arts
San Jose	Physics	Physics
San Marcos	Applied Physics	Applied Electronics, General
Sonoma	Physics	Physics - General
Stanislaus	Physics	General

<https://www2.calstate.edu/apply/transfer/Pages/associate-degree-for-transfer-major-and-campus-search.aspx>