

## Physics AS-T Degree Checklist 2017-2018

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 – FA	
			4	Phys-042	Physics for Scientists & Engineers III - SP	
			4	Math-050	Calculus & Analytic Geometry I	
			4	Math-060	Calculus & Analytic Geometry II	
			4	Math-070	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, PHIL 110, 210, SPCH 120	
			4	B-1	1	PHYS 40	
			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 5, 6, 7, 8, 9, 35, DRAMA 15, 16, 70, HUMAN 35, MUSIC 10, 12, 15, 17, SPAN 60	
			3-5	C-2	1	ART 16, 17, 18, CHIN 30, 40, DRAMA 30, 72, ENGL 124, 127, 128, 129, 132, 133, 140, 145, 150, 205, 210, 211, 230, 231, FILIP 60, 61, FRNCH 60, 61, 62, HUMAN 19, 20, 21, 22, 24, 30, ITAL 60, 61, PHIL 100, 120, 122, 130, 132, 133, 140, 142, POLSC 33, SPAN 49, 50, 51, 52, 53, SIGN 50, 67, 68	
			3-5	C-1 or C-2	1 Add'l	<i>See C-1 and C-2 Above</i>	
			3	D	1	POLSC 10*, 20*	
			3	D	1	ECON 5*, HIST 29*, 30*	
			3	D	1	ANTHR 4, 5, 6, 7, 8, ECON 10, 11, HIST 31, 33, 34, 35, 38, 39, 40, 47, 046, 47, 52, 55, 61, SOCS 45, 135, ENGL 100, 110, 135, SPCH 180, CHDEV 10, 20, 50, JOURN 100, SPCH 130, 150, 180, PSYCH 10, 11, 14, 17, ADJUS 110, 160, 220, SOCIO 15, 16, 17, PHIL 33, POLSC 33, 40, 43, 50	
			3	E	1	ACS 10, ANTHR 7, BIOSC 5, CHDEV 10, PE 100, PSYCH 14, SOCIO 12	
				Group A	1	POLSC 10 or 20	
				Group B	1	ECON 5, HIST 29 or 30	

**40 - 44 Units of General Education**

#### Recommended Electives

Need	In Progress	Complete	UNITS	COURSE #	COURSE NAME	EQUIVALENT/SUBSTITUTE
<b>Select a minimum of 0 – 4 Units:</b>						
				Math 75		
				Math 80		

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

CSU Campus	CSU Degree	CSU Concentration
Bakersfield	Physics	Physics - General
Channel Islands	Applied Physics	Physical Science; Technology
Chico	Physics	General Physics
Dominguez Hills	Physics	Electrical Engineering; Physical Science; Physics
East Bay	Physics	No Option; Physics – General; Physics Education
Fresno	Natural Science Teaching Credential	Physics
Fresno	Physics	Physics; Physics – General
Humboldt	Physics	Astronomy; Physics; Physics - General
Long Beach	Physics	Physics – General; Biophysics
Los Angeles	Physics	General
Northridge	Physics	Astrophysics; General; Physics
Pomona	Physics	Physics - General
Sacramento	Physics	Physics; Teacher Preparation
San Bernardino	Physics	Applied Physics Option; General
San Diego	Chemical Physics	Chemical Physics - General
San Diego	Physics	General; Modern Optics; Physics - General
San Francisco	Physics	Astronomy; Astrophysics; Physics – GENERAL; Physics for Teaching
San Jose	Physics	Physics; Preparation for Teaching
San Luis Obispo	Physics	General; Physics - General
San Marcos	Applied Physics	Applied Electronics; General
San Marcos	Mathematics	General
Sonoma	Physics	Applied Physics
Stanislaus	Physics	General