

**Computer Science 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
			3	COMSC 122	Programming Concepts & Methodologies I	
			4	MATH 210	Calculus and Analytic Geometry I	
			3	COMSC 132	Programming Concepts & Methodologies II	
			4	MATH 220	Calculus and Analytic Geometry II	
			3	COMSC 142	Computer Architecture and Organization	
			4	MATH 230	Calculus and Analytic Geometry III	
			4	PHYS 040	Physics for Scientists and Engineers I	
			4	MATH 160	Discrete Math	
			4	PHYS 041	Physics for Scientists and Engineers II	

**33 Units in the Major**

**IGETC Intersegmental General Education Transfer Curriculum Course Recommendations**

Need	In Progress	Complete	UNITS	AREA	REQUIRED	RECOMMENDED COURSE	EQUIVALENT/ALTERNATE
			3	1-A	1	ENGL 100	
			3	1-B	1	ENGL 221, 230, PHIL 110	
			3	1-C	1	SPCH 110, 120 (CSU only)	
				2	1	MATH 210*, 220*, 230*, 160*	Satisfied by major requirement
			3	3A	1	ART 005, 006, 007, 008, 009, 016, DRAMA 015, 016, 070, HUMAN 035, MUSIC 010, 015, 017	
			3 - 5	3B	1	ART 017, 018, 035, CHIN 040, DRAMA 025, 030, 072, ENGL 124, 127, 128, 129, 132, 133, 140, 145, 150, 205, 210, 211, 230, 231, FRNCH 061, HIST 056, 057, 060, HUMAN 019, 020, 021, 022, 023, 024, 030, 035, 050, ITAL 061, MUSIC 012, PHIL 100, 120, 122, 130, 132, 133, 140, 150, 151, POLSC 133, 040, 050, SIGN 051, 052, 053, SPAN 051, 052, 053, 057, 058	
			3 - 5	3A or 3B	1	See 3-A and 3-B above	
			3	4	1	ADJUS 110, ANTHR 004, 005, 006, 007, 008, CHDEV 010, 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, PHIL 133, POLSC 010, 040, 043, 050, 060, 133, PSYCH 010, 011, 014, 017, SPCH 130, 150, 180, SOCSC 045, 136, 150, SOCIO 015, 016, 017	
			3	4-F	1	ECON 005, HIST 029, 030, 046, 047, 052, 056, 057, 060, 061	
			3	4-H	1	POLSC 010, 040 or 060	
				5-A	1	PHYS 040*, 041*	Satisfied by major requirement
			3 - 5	5-B	1	ANTHR 001*, BIOSC 007*, 008*, 010*, 020, 021, 040, 045, 050*	
			3 - 5	6	1	CHIN 030, 040, FILIP 060, 061, FRNCH 060, 061, 062, ITAL 060, 061, SIGN 050, 051, 067, 068, SPAN 050, 051, 052, 053, 057, 058 (UC only)	
					1 or 2	POLSC 010 or 040 and 060	
					1	ECON 005, HIST 029, 030, 038, 046, 047, 052, 056, 057, 060, 061	

**37 - 42 Units of General Education**

**Recommended Electives**

Need	In Progress	Complete	UNITS	COURSE #	COURSE NAME	EQUIVALENT/SUBSTITUTE
Select a minimum of 0 - 2 Units:						

0 - 2 units of elective courses needed to meet the 60 transferrable unit requirement

\* These courses are recommended for Computer Science major. These courses are required to complete degree within 60 units.

MATH 70 is a prerequisite/co-requisite for PHYS 41, therefore it does not count towards the 60 unit total.

Group A & B courses satisfy 4-F and 4-H requirements, but the units do not double count

CSU Degree Pathways for Computer Science for Transfer AST

Channel Islands	Computer Science	Computer Science - General
Chico	Computer Science	Computer Science - General
Dominguez Hills	Computer Science	Computer Science - General
East Bay	Computer Science	Computer Science - General
Fresno	Computer Science	Computer Science
Humboldt	Computer Science	Computer Science - General
Long Beach	Computer Science	Computer Science - General
Monterey Bay	Computer Science	Data Science, Game Development, General, Network and Security, Software Engineering
Northridge	Computer Science	General
San Bernardino	Computer Systems	Game Development Option
San Diego	Computer Science	Computer Science - General
San Francisco	Computer Science	Computer Science - General
San Jose	Computer Science	Computer Science
San Jose	Humanities	Liberal Arts
San Marcos	Computer Science	General
Stanislaus	Computer Science	General

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