LOS MEDANOS COLLEGE

Computer Science AS-T Degree Checklist 2016-2017

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 50	Calculus and Analytic Geometry I	
			3	COMSC 132	Programming Concepts & Methodologies II	
			4	MATH 60	Calculus and Analytic Geometry II	
			3	COMSC 142	Computer Architecture and Organization	
			4	MATH 70	Calculus and Analytic Geometry III	
			4	PHYS 40	Physics for Scientists and Engineers I	
			4	MATH 160	Discrete Math	
			4	PHYS 41	Physics for Scientists and Engineers II	

29 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 220, 221	
			3	1-C	1	SPCH 110, 120 (CSU only)	
				2	1	MATH 050*, 060*, 070*, 160*	Satisfied by major requirement
			3	3A	1	ART 005, 006, 007, 008, 009, 016, DRAMA 015, 016, 070, MUSIC 010, 015, 017	
			3 - 5	3B	1	ART 017, 018, 035, CHIN 040, DRAMA 030, ENGL 127, 128, 129, 132, 133, 140, 145, 150, 205, 231, FILIP 061, FRNCH 061, 062, HUMAN 019, 020, 021, 022, 024, 030, ITAL 061, MUSIC 012, PHIL 002, 033, 040, 042, POLSC 033, SIGN 066, 067, 068, SPAN 051, 052, 053	
			3 - 5	3A or 3B	1	See 3-A and 3-B above	
			3	4	1	ANTHR 004, 005, 006, 007, 008, ECON 010, 011, HIST 046,SOCSC 045, SPCH 150, ENGL 135, PSYCH 014, SPCH 180, CHDEV 010, HIST 047, 052, JOURN 100, POLSC 043, SPCH 130, PSYCH 010, 011, 014, 017, SOCIO 017, ADJUS 110, SOCIO 015, 016	
			3	4-F	1	ECON 005*, HIST 029*, 030*	
			3	4-H	1	POLSC 010*, 020*	
				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 065, 066, 067, 068, SPAN 050, 051, 052, 053 (UC only)	
				Group A	1	POLSC 10 or 20 (CSU only)	
				Group B	1	ECON 5, HIST 29 or 30 (CSU only)	

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
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Computer Science for Transfer- AA-T

CSU Campus	CSU Degree	CSU Concentration
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 Engineering; Networking and Data Communications; No Option; Software Engineering
Fresno	Computer Science	Computer Science
Humboldt	Computer Science	Computer Science - General
Long Beach	Computer Science	Computer Science - General
Monterey Bay	Computer Science and Information Technology	Game Development; Information Systems; Network and Security; Software Engineering
Northridge	Computer Science	General
San Bernardino	Computer Systems	Game Development
San Diego	Computer Science	Computer Science - General
San Francisco	Computer Science	Computer Science - General
San José	Computer Science	Computer Science
San Marcos	Computer Science	General
Stanislaus	Computer Science	General