

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	MATH 210	Calculus & Analytic Geometry I	
			4	MATH 220	Calculus & Analytic Geometry II	
			4	MATH 230	Calculus & Analytic Geometry III	
Chose a minimum of 6 units from the lists below, with at least 3 units from List A						
			3 each	MATH 240 or MATH 250	Differential Equations or Linear Algebra	
List B: Select one course (2-4 units)						
			2-4 each	MATH 160, PHYS 040, MATH 110, COMSC 044, ENGIN 020, COMSC 132		

18 – 19 Units in the Major

CSU General Education Breadth Requirements Course Recommendations

Need	In Progress	Complete	UNITS	AREA	REQUIRE D	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 040*	Satisfied by major requirement
			3	B-2	1	ANTHR-001, BIOSC-007, 008, 010, 020, 021, 040, 045, 050	
				B-3/Lab	1	PHYS 040*	Satisfied by major requirement
				B-4	1	MATH 210*	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	See C-1 and C-2 Above	
			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, 00, 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, SOCS 045, 110, 135, 136, 150, SPCH 130, 150	
			3	E	1	ACS 10, ANTHR 7, BIOSC 5, CHDEV 10, COUNS 36, 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 Additional Electives

Need	In Progress	Complete	UNITS	COURSE #	COURSE NAME	EQUIVALENT/SUBSTITUTE
Select a minimum of 5 - 10 Units:						

5 - 10 units of elective courses needed to meet the 60 transferrable unit requirement

*These courses are recommended for the MATH major.

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

CSU Degree Pathways for Mathematics for Transfer AST

Bakersfield	Mathematics	Applied, Economics, Statistics, Teaching, Theoretical
Channel Islands	Mathematics	Mathematics - General
Chico	Mathematics	Applied Mathematics, General Mathematics, Mathematics Education, Statistics
Dominguez Hills	Mathematics	Mathematics
East Bay	Mathematics	Mathematics - General
East Bay	Statistics	Statistics - General
Fresno	Mathematics	Applied Math, Mathematics – General, Pure Math, Statistics, Teaching
Fullerton	Mathematics	Actuarial Science, Applied Mathematics, Mathematics – General, Probability and Statistics, Pure Mathematics, Teaching Mathematics
Humboldt	Mathematics	Applied Mathematics, Mathematics
Long Beach	Mathematics	Applied Mathematics, General, Mathematics Education, Statistics
Monterey Bay	Mathematics	Mathematics Subject Matter Preparation Program, No Concentration
Northridge	Mathematics	Applied Mathematical Sciences, General, Secondary Teaching, Statistics
Pomona	Mathematics	Secondary Teacher Prep\Pure Mathematics
Sacramento	Mathematics	Mathematics - General
San Bernardino	Mathematics	General
San Diego	Mathematics	Science
San Francisco	Applied Mathematics	Applied Mathematics - General
San Francisco	Mathematics	Mathematics for Advanced Study, Mathematics for Liberal Arts, Mathematics for Teaching
San Francisco	Statistics	Statistics - General
San Jose	Humanities	Liberal Arts
San Jose	Mathematics	Mathematics, Preparation for Teaching
San Marcos	Mathematics	General
Sonoma	Applied Statistics	Applied Statistics - General
Sonoma	Mathematics	Applied Mathematics, Bi-disciplinary Mathematics, Mathematics – General, Statistics - General
Stanislaus	Mathematics	General