Math AS-T Degree Checklist 2017-2018

LOS MEDANOS COLLEGE

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-050	Calculus & Analytic Geometry I	
			4	Math-060	Calculus & Analytic Geometry II	
			4	Math-070	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-080 or Math-075	Differential Equations or Linear Algebra	
					List B: Select one course (2-4 units)	
			2 -4 each		Math-160, Phys-040, Math-034, 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	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 040*	
			3	B-2	1	ANTHR-001, BIOSC-007, 008, 010, 020, 021, 040, 045, 050	
				B-3/Lab	1	PHYS 040	
				B-4	1	MATH 050*	Satisfied by major requirement
			3	C-1	1	Arts ART-005, 006, 007, 008, 009, 035, DRAMA-015, 016, 070, HUMAN 035, MUSIC-010, 012, 015, 017, SPAN-060	
			3-5	C-2	1	ART-016, 017, 018, CHIN-030, 040, DRAMA-030, 072, ENGL 124, 127, 128, 129, 132, 133, 140, 145, 150, 205, 210, 211, 230, 231, FILIP-060, 061, FRNCH-060, 061, 062, HUMAN-019, 020, 021, 022, 024, 030, ITAL-060, 061, PHIL-100, 120, 122, 130, 132, 133, 140, 142, POLSC-033, SPAN-049, 050, 051, 052, 053, SIGN-050, 067, 068	
			3-5	C-1 or C-2	1	See C-1 and C-2 Above	
			3	D	1	ECON 5*, HIST 29* or 30*	
			3	D	1	POLSC-010*, 020*	
			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, SOCSC 45, 110, 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-010, ANTHR-007, BIOSC-005, CHDEV-010, PE-100, PSYCH-014, SOCIO-012	
				Group A	1 course	Group A: POLSC-010, POLSC-020	
				Group B	1 course	Group B: ECON-005, HIST-029, HIST-030	

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 Math for Transfer AST

CSU Campus	CSU Degree	CSU Concentration
Bakersfield	Mathematics	Applied; Blended Credential; Economics; Statistics; Teaching; Theoretical
Channel Islands	Mathematics	Mathematics - General
Chico	Mathematics	Applied Mathematics; General Mathematics; Mathematics Education; Statistics
Dominguez Hills	Mathematics	Mathematics; Mathematics Education
East Bay	Mathematics	Applied Mathematics; Mathematics Teaching; Option A; Statistics - General
Fresno	Mathematics	Mathematics
Fullerton	Mathematics	Applied Mathematics
Humboldt	Geology	Geology
Humboldt	Mathematics	Applied Mathematics; Mathematics
Long Beach	Mathematics	Applied Mathematics; General; Mathematics Education; Statistics
Los Angeles	Mathematics	Applied Mathematics; Applied Mathematics/Computer Science; General Mathematics; Pure Mathematics; Single Subject Teaching; Single Subject Teaching Blended; Single Subject Teaching Option
Monterey Bay	Mathematics	Mathematics Subject Matter Preparation Program; Pure Math
Northridge	Mathematics	Applied Mathematical Sciences; General; Mathematics Secondary Teaching; Mathematics Statistics
Pomona	Mathematics	Applied Mathematics/Statistics; Secondary Teacher Prep\Pure Mathematics
Sacramento	Mathematics	Mathematics - General
San Bernardino	Mathematics	Biology Concentration; Computer Science Concentration; Economics Concentration; General; Geographic Information Systems Concentration; Integrated Teaching Track; Physics Concentration; Teaching Track
San Diego	Mathematics	Applied Mathematics; Computational Science; Science; Single Subject Teaching
San Francisco	Applied Mathematics	Applied Mathematics - General
San Francisco	Mathematics	Mathematics for Advanced Study; Mathematics for Liberal Arts; Mathematics for Teaching; Statistics - General
San Jose	Applied Mathematics	Applied and Computational Mathematics; Economics and Actuarial Science; Statistics
San Jose	Mathematics	Mathematics; Preparation for Teaching
San Luis Obispo	Mathematics	Applied Mathematics; Mathematics Teaching; Pure Mathematics
San Marcos	Mathematics	General
Sonoma	Applied Statistics	Applied Statistics - General
Sonoma	Mathematics	Mathematics - General
Stanislaus	Mathematics	General BA