

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
			5	BIOSC 020	Principles of Biology: Cellular Processes	
			5	BIOSC 021	Principles of Biology: Organismic	

List A:

			5	CHEM 025	General College Chemistry	
			5	CHEM 026	General College Chemistry	
			4	MATH 210 or MATH 140	Calculus and Analytic Geometry I or Applied Calculus	
					One of the pairs below	
			8	PHYS 035 & PHYS 036	College Physics I & College Physics II	
			8	PHYS 040 & PHYS 041	Physics for Scientists & Engineers I & Physics for Scientists & Engineers II	

32 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 140*, 210*	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 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, 024, 030, 035, 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	CHEM 025*, 026*, PHYS 035*, 036*, 040*, 041*	Satisfied by major requirement
				5-B	1	BIOSC 020*, 021*	Satisfied by major requirement
			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 – 1 Units:						

0 – 1 units of elective courses needed to meet the 60 transferrable unit requirement

*These courses are recommended for Biological Science majors.

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

CSU Degree Pathways for Biology for Transfer AST

Bakersfield	Biochemistry	Biochemistry – General, Food Science
Bakersfield	Biology	Biotechnology, General
Channel Islands	Biology	General Biology
Chico	Biological Sciences	"Ecological, Evolutionary, and Organismal Biology", Cellular and Molecular Biology, Plant Biology
Dominguez Hills	Biology	Biology - General
East Bay	Biological Science	Biology Education, Cell and Molecular Biology, Ecology and Evolutionary Biology, Microbiology and Biomedical Lab Sciences, Physiology
Humboldt	Biology	Cellular/Molecular Biology, General Biology, Science Education
Long Beach	Biology	Organismal Biology
Los Angeles	Biology	General
Monterey Bay	Biology	"Ecology, Evolution, and Organismal Biology", Molecular Biology, Teacher Preparation
Northridge	Biology	Biotechnology/Medical Technology, General
Pomona	Biology	General
Sacramento	Biological Sciences	"Ecology, Evolution and Conservation", Biological Science
San Bernardino	Biology	General
San Diego	Biology	Biology – General, Cellular and Molecular Biology, Ecology, Evolutionary Biology, Marine Biology, Zoology
San Francisco	Biology	Biology – General, Botany, Cell and Molecular Biology, Ecology, Marine Biology and Limnology, Microbiology, Physiology, Zoology
San Jose	Biological Science	Biological Science, Microbiology, Molecular Biology, Systems Physiology
San Jose	Humanities	Liberal Arts
San Marcos	Biological Sciences	General
Sonoma	Biology	Biology – GENERAL, Zoology
Stanislaus	Biological Sciences	"Molecular, Cellular, and Microbial Biology", "Organismal, Ecological, and Evolutionary Biology", Biology Education, Ecology, General