



BIOLOGY ASSOCIATE IN SCIENCE FOR TRANSFER SAMPLE SEQUENCE MAP

The Associate in Science in Biology for Transfer (AS-T) is designed to streamline transfer admission to the California State University (CSU) system. If you are considering transfer to a UC, private, out-of-state college, or a specific CSU campus, consult with a counselor regarding the transfer requirements of that institution. A personalized education plan is necessary to meet the unique goals of each student and transfer institution.

0 – 15 UNITS		Pre/Co-req	Units	IGETC	CSU
Semester 1	CHEM 120 – General College Chemistry I	CHEM 108 MATH 119	5	5A+C	B1+B3
	Oral Communication Area		3	1C	A1
	Area IA: English Composition: <i>ENGL 122 – First-Year College Composition and Reading</i>	Placement	3	1A	A2
	MATH 192 – Analytic Geometry and Calculus I	Placement	5	2	B4
	Total		16		

16 - 30 UNITS		Pre/Co-req	Units	IGETC	CSU
Semester 2	CHEM 121 – General College Chemistry II	CHEM 120	5	5A+5C	B1+B3
	PHYS 120 – General College Physics I ** or PHYS 130 – Physics for Engineers and Scientists A	MATH 121 Co-req: MATH 193, Pre-req: PHYS 129	4	5A+5C	B1+B3
	Critical Thinking Area		3	1B	A3
	Social Sciences Area: <i>Recommend PSYCH 101</i>	See catalog	3	4	D
	Total		15		

31 - 45 UNITS		Pre/Co-req	Units	IGETC	CSU
Semester 3	BIOSC 130 – Principles of Cellular Biology	CHEM 120	5	5B+5C	B2+B3
	PHYS 121 – General College Physics II ** or PHYS 230 – Physics for Engineers and Scientists B	PHYS 120 or PHYS 130 with Co-req MATH 292	4	5A+5C	B1+B3
	Arts and Humanities Area		3	3B	C2
	Social Sciences Area		3	4	D
	Total		15		

46 – 60 UNITS		Pre/Co-req	Units	IGETC	CSU
Semester 4	BIOSC 131 – Principles of Organismal Biology	Pre- or Co-req: CHEM 120	5	5B+5C	B2+B3
	Social Sciences Area		3	4	D
	Arts and Humanities Area - Art		3	3A	C1
	Arts and Humanities Area – Humanities		3	3A or 3B	C1 or C2
	CSU Lifelong Learning / Graduation Requirement Area		3	E	E
	Total		17		

** Recommended to take PHYS – 124 with PHYS – 120 & PHYS – 125 with PHYS 121

PROGRAM TOTAL: 60+

NOTE: Students earning this degree must complete 60 CSU-transferable units. Students must also complete either CSU GE or IGETC (including the Area 1C requirement) General Education pattern. Consult with a counselor to see which pattern is best for you and for specific recommendations about courses that best meet your education goals, particularly related to transfer requirements. Not all courses are offered every term. See the Catalog and Schedule of Classes for more details.