

COURSE SEQUENCE MAP

BIOLOGY AS-T

Suggested course sequence for full-time student

	Course # and Title	Pre/Co-req	Credits	IGETC	CSU	Semesters Offered
Semester 1	CHEM 120 – General College Chemistry I	CHEM 108, MATH 120	5	5A+C	B1+B3	FA, SP, SU
	COMM 120 – Public Speaking		3	1C	A1	FA, SP, SU
	ENGL 122 – Freshman English	Placement or Pre-req	3	1A	A2	FA, SP, SU
	MATH 192 – Analytic Geometry and Calculus I	Placement	5	2	B4	FA, SP, SU
		Total	16			
Semester 2	CHEM 121 – General College Chemistry II	CHEM 120	5	5A+5C	B1+B3	FA, SP, SU
	PHYS 120 – General College Physics I	MATH 121	4	5A+5C	B1+B3	FA, SP, SU
	or PHYS 130 – Physics for Engineers and Scientists A	Co-req: MATH 193, Pre-req: PHYS 129	4	5A+5C	B1+B3	FA, SP, SU
	Critical Thinking/English Composition		3	1B	A3	
	Social Sciences elective		3	4	D	
		Total	15			
Semester 3	BIOSC 130 – Principles of Cellular Biology	CHEM 120	5	5B+5C	B2+B3	FA, SP
	PHYS 121 – General College Physics II	PHYS 120	4	5A+5C	B1+B3	FA, SP
	or PHYS 230 – Physics for Engineers and Scientists B	PHYS 230, MATH 292	4	5A+5C	B1+B3	FA, SP
	Humanities		3	3B	C2	
	Social Sciences		3	4	D	
		Total	15			
Semester 4	BIOSC 131 – Principles of Organismal Biology	Pre- or Co-req: CHEM 120	5	5B+5C	B2+B3	FA, SP
	PSYCH 101 – Introduction to Psychology		3	4	D	FA, SP, SU
	Arts		3	3A	C1	
	Arts or Humanities		3	3A or 3B	C1 or C2	
	CSU requires Area E Lifelong Learning Elective		3		E	
		Total	17			

There are 3 General Education patterns available and this map shows the two transfer patterns which requires 60 transferable credits. Consult with a Counselor to see which pattern is best for you and for specific recommendations about courses that will best meet your educational goals, particularly related to transfer requirements. Not all courses on the map are offered every term. Consult the Catalog and the Schedule of Classes for more details.