

Associate of Science in General Studies

Bachelor of Science with a Major in Chemistry

The following is a suggested two-year transfer plan. Students are encouraged to see their advisor each semester for help with program decisions and enrollment. In addition, students are responsible for meeting with their academic advisor for additional requirements to transfer to TAMU.

1ST SEMESTER			SCH	Notes
LC	ENGL 1301	Composition I (010)	3	
	BIOL 1306	Biology for Science Majors (030)	3	
	BIOL 1106	Biology for Science Majors I Lab	1	
	CHEM 1311	General Chemistry I Lab (030)	3	
	CHEM 1111	General Chemistry I Lab	1	
	MATH 2413	Calculus I (020)	4	(TR)
			15	

2ND SEMESTER			SCH	Notes
LC	ENGL 1302	Composition II (010)	3	
	HIST 1301	United States History I (060)	3	
	CHEM 1312	General Chemistry II	3	
	CHEM 1112	General Chemistry II Lab	1	
		Creative Arts (050)	3	
		Component Area Option (090)	3	(EC)
			16	

3RD SEMESTER			SCH	Notes
LC	HIST 1302	United States History II (060)	3	
	GOVT 2305	Federal Government (070)	3	
	PHYS 1301 or PHYS 2325	College Physics I or University Physics I	3	
	PHYS 1101 or PHYS 2125	College Physics I or University Physics I Lab	1	
		Language/Philosophy/Culture (040)	3	
		Social/Behavioral Science (080)	3	
			16	

4TH SEMESTER			SCH	Notes
LC	GOVT 2306	Texas Government (070)	3	
	PHYS 1302 or PHYS 2326	College Physics II or University Physics II	3	
	PHYS 1102 or PHYS 2126	College Physics II or University Physics II Lab	1	
	CHEM 2323	Organic Chemistry I	3	
	CHEM 2123	Organic Chemistry I Lab	1	
		Component Area Option (090)	3	
			14	

5TH SEMESTER			SCH	Notes
TAMU	CHEM 3405	Analytical Chemistry	4	
	CHEM 3451	Biochemistry I	4	
	MATH 2414	Calculus II	4	
		Minor/General Elective	3	
			15	

6TH SEMESTER			SCH	Notes
TAMU	CHEM 2425	Organic Chemistry II	4	
	CHEM 3431	Physical Chemistry I	4	
	CHEM 4198	Investigations in Chemistry	1	
	MATH 3330	Ordinary Diff Equations	3	
		Minor/General Elective	3	
			15	

7TH SEMESTER			SCH	Notes
TAMU	CHEM 4120	Chemistry Seminar	1	
	CHEM	Advanced Elective	4	
	CHEM	Advanced Elective	4	
		Advanced Minor/General Elective	3	
		Advanced Minor/General Elective	3	
			15	

8TH SEMESTER			SCH	Notes
TAMU	CHEM 4120	Chemistry Seminar	1	
	CHEM 4411	Inorganic Chemistry	4	
	CHEM	Advanced Elective	4	
		Advanced Minor/General Elective	3	
		Advanced Minor/General Elective	3	
			15	

Total SCH Required for Degree **120**

Important Details to Remember

Extra credit (EC) - Courses noted with (EC) do not apply when transferring to TAMU - 1SCH from 090.

TAMU Requirement (TR) - Courses noted with (TR) are additional TAMU requirements.

Total SCH required for degree 120 - additional 1SCH taken at LC.

LC Degree Plan: <https://www.laredo.edu/Academic-Career-Pathways/science-technology-engineering-mathematics/as-general-studies.html>

TAMU Degree Plan: <https://catalog.tamui.edu/undergraduate-information/arts-sciences/biology-chemistry/bachelor-science-major-chemistry-bs/>

Transfer Plan is subject to change. Students are encouraged to see their advisor each semester for help with program decisions and enrollment.