

Transfer Academic Planner



Tyler Junior College
Tyler, Texas

Associate of Science in Chemistry

Stephen F. Austin State University
Nacogdoches, Texas

Bachelor of Science in Chemistry
(ACS Certified Professional Chemist)



Tyler Junior College Course				Tyler Junior College Course					
	SFA Course	College Course	Full course title		SFA Course	College Course	Full course title		
Year 1	Fall Semester			Total semester hours: 16	Spring Semester			Total semester hours: 14	
		CHEM 1311/1111	CHEM 1411	General Chemistry I	4	CHEM 1312/1112	CHEM 1412	General Chemistry II	4
		COSC 1301 or EDUC 1---	COSC 1301 or EDUC 1300	Intro to Computing or Learning Framework ⁵	3	MATH 2313/2113	MATH 2413	Calculus I	4
		ENGL 1301	ENGL 1301	Composition I	3	ENGL 2311	ENGL 2311	Tech & Business Writing	3
		HIST 1301	HIST 1301	U.S. History I	3	HIST 1302	HIST 1302	U.S. History II	3
		MATH 1314, 1316 or 2412	MATH 1314, 1316 or 2412	College Algebra or Plane Trigonometry or Pre-Calculus	3				
Year 2	Fall Semester			Total semester hours: 14	Spring Semester			Total semester hours: 16	
		MTH 2314/2114	MATH 2414	Calculus II	4	<input type="checkbox"/> It's time to apply to SFA! Visit sfasu.edu/transfer			
		CORE	CORE	Creative Arts ²	3	CORE	CORE	Language, Philosophy & Culture ⁴	3
		CHEM 3331/3131	CHEM 2423	Organic Chemistry I	4	GOVT 2306	GOVT 2306	Texas Government	3
		GOVT 2305	GOVT 2305	Federal Government	3	CHEM 3332/3132	CHEM 2425	Organic Chemistry II	4
		<input type="checkbox"/> Apply for your associate degree! Contact your Tyler Junior College advisor				CORE	CORE	Social/Behavioral Science ³	3
Year 3	Fall Semester			Total semester hours: 15	Spring Semester			Total semester hours: 15	
		CHEM 3311 Inorganic Chemistry		3	CHEM 3421/3021 Quantitative Analysis		4		
		CHE 4352/4152 Comprehensive Biochemistry I & lab		4	PHYS 2326/2126 or PHYS 2426 Technical Physics II*		4		
		CHEM 2175 Supervised Problems		1	CHEM 4175 Supervised Problems		1		
		PHYS 2325/2125 or PHYS 2425 Technical Physics I*		4	MNOR Course for Minor		6		
		MINOR Course for Minor		3	<input type="checkbox"/> Apply for your bachelor's degree! Visit sfasu.edu/registrar				
Year 4	Fall Semester			Total semester hours: 15	Spring Semester			Total semester hours: 15	
		CHEM 3437/3037 Physical Chemistry I ⁶		4	CHEM 4170 Seminar		1		
		CHEM 4443/4043 Instrumental Analysis		4	CHEM 4341 and CHEM 4141 Advanced Inorganic Chemistry and Lab		4		
		Advanced Elective		4	CHEM 3438/3038 Physical Chemistry II		4		
		Advanced Course for Minor		3	Advanced Monir		6		

Notes and Comments:

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* TJC AS Chemistry may require MATH 1314 or 1316 and does not require physics; however, physics is required for BS Chemistry and can be taken at SFA after transfer if needed.

1 Can complete at SFA or TJC

2 Options include ARTS 1301; MUSI 1306; DRAM 1310; MUSI 1307; DANC 2303

3 Options include COMM 1307; ECON 2301; GEOG 1303; PSYC 2301, 2314; SOCI 1301

4 Options include DANC 1305; ENGL 2322, 2323, 2327, 2328, 2332, 2333; HIST 2311, 2312; HUMA 1301; PHIL 1301, 1304, 2306

5 Options include COSC 1301, CSCI 1302, BCIS 1305 or EDUC 1300

6 CHEM 3437 requires MATH 2314/2114 instead of MATH 1342

- Students core complete do not need ENGL 1302 but might need additional 3 hrs of electives to reach the 120 hrs requirement. Lower level math can count for this as well.

- SFA offers a variety of courses during the summer session(s) in addition to the fall and spring semesters listed above.

- In addition to traditional 16-week courses SFA does offer select 8-week courses.

- A maximum of 66 hours of academic courses plus up to 4 hours of PHED/KINE courses from community colleges can be applied in a bachelor's degree. If a student is Core Complete at TJC, they are Core Complete at SFA – if Core is not complete at TJC, core must be completed using SFA's requirements.

- Obtain a SFA BS in chemistry or biochemistry degree with 3.0 GPA and be eligible for the Ph.D. bridge program with Morgan State University that allows for easy admission, tuition waiver, and a \$2k monthly stipend depending on availability of funds.

Note: Students will be required to repeat pre-requisite courses when the grade is below a C. A minimum of 30 semester hours of work must be completed at SFA, of which at least 36 hours must be advanced. Contact your SFA advisor for alternative courses to the core courses listed.