



2019-2020

GUIDED PATHWAY

Associate of Science in Chemistry

START Here

FIRST SEMESTER	NOTES	SCH	COMPLETED
ENGL 1301 - Composition I	⚠	3	<input type="checkbox"/>
MATH 2413 - Calculus I	⚠	4	<input type="checkbox"/>
CHEM 1411 - General Chemistry I	⚠	4	<input type="checkbox"/>
HIST 1301 - United States History I		3	<input type="checkbox"/>

Total SCH 14

SECOND SEMESTER	NOTES	SCH	COMPLETED
ENGL 1302 - Composition II		3	<input type="checkbox"/>
HIST 1302 - United States History II		3	<input type="checkbox"/>
CHEM 1412 - General Chemistry II	⚠	4	<input type="checkbox"/>
MATH 2414 - Calculus II	⚠	4	<input type="checkbox"/>
Any course from Soc./Beh. Sci. core	➔ !	3	<input type="checkbox"/>

Total SCH 17

THIRD SEMESTER	NOTES	SCH	COMPLETED
GOVT 2305 - Federal Government	🎓	3	<input type="checkbox"/>
CHEM 2423 - Organic Chemistry I	⚠	4	<input type="checkbox"/>
Any course from Creative Arts core	➔	3	<input type="checkbox"/>
PHYS 2425 (preferred) or PHYS 1401	⚠ ➔	4	<input type="checkbox"/>

Total SCH 14

FOURTH SEMESTER	NOTES	SCH	COMPLETED
GOVT 2306 - Texas Government		3	<input type="checkbox"/>
CHEM 2425 - Organic Chemistry II	🎓	4	<input type="checkbox"/>
Any course from Lang/Phil/Cult core	➔	3	<input type="checkbox"/>
1 SCH course , if needed to reach 60 SCH	➔ !	1	<input type="checkbox"/>
PHYS 2426 (preferred) or PHYS 1402	➔	4	<input type="checkbox"/>

Total SCH 15

Graduation SCH 60

You've FINISHED!

Definition of Notes

⚠ Must successfully complete the course in order to progress in the AS Chemistry degree.

➔ Meet with an academic advisor or department chair for university specific transfer course.

! If you cannot take 15 or more SCH, we recommend you take this class in the summer.

🎓 Come talk to an advisor about your Temple College graduation and your university transfer plans.

Transfer Outlook

AS Chemistry (CHEM) can lead to university transfer for a Bachelor of Science in Chemistry, Biochemistry, or Chemistry w/ Teaching Certification in CHEM or Physical Science. AS CHEM is also ideal for students interested in pre-medical, pre-dental, pre-pharmacy, or pre-veterinary programs. AS CHEM students interested in these bachelor's degrees must work with an advisor or department chair to determine transferrable coursework.

Helpful Links

[Expenses and Scholarships](#)

[Financial Aid Information](#)

[Core Curriculum Courses](#)

[Chemistry Courses](#)

Career Outlook

Chemistry Technician - \$31,342*
w/Bachelor's Degree

High School Chemistry Teacher -
\$42,768* w/Bachelor's Degree +
Teaching Certification

Pharmacist - \$102,197*
w/Doctoral Degree

*Based on entry-level jobs in Central Texas



2019-2020

University Transfer Guide

Associate of Science in Chemistry

Temple College	Texas State BS Chemistry	UT-Arlington BS Chemistry	Sam Houston State BS Chemistry
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FIRST SEMESTER

ENGL 1301 - Composition I	ENG 1310	ENGL 1301	ENGL 1301
MATH 2413 - Calculus I	MATH 2471	MATH 1426	MATH 1420
CHEM 1411 - General Chemistry I	CHEM 1311/1111	CHEM 1441	CHEM 1411
HIST 1301 - United States History I	HIST 1310	HIST 1311	HIST 1301

Temple College	Texas State BS Chemistry	UT-Arlington BS Chemistry	Sam Houston State BS Chemistry
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SECOND SEMESTER

ENGL 1302 - Composition II	ENG 1320	ENGL 1302	ENGL 1302
HIST 1302 - United States History II	HIST 1320	HIST 1312	HIST 1302
CHEM 1412 - General Chemistry II	CHEM 1342/1142	CHEM 1442	CHEM 1412
MATH 2414 - Calculus II	MATH 2472	MATH 2425	MATH 2425
Any course from Soc./Beh. Sci. core	SBS CORE	SBS CORE	SBS CORE

Temple College	Texas State BS Chemistry	UT-Arlington BS Chemistry	Sam Houston State BS Chemistry
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THIRD SEMESTER

GOVT 2305 - Federal Government	POSI 2320	POLS 2311	POLS 2305
CHEM 2423 - Organic Chemistry I	CHEM 2341/2141	CHEM 2321/2181	CHEM 2323/2123
Any course from Creative Arts core	CA CORE	CA CORE	CA CORE
PHYS 2425 (preferred) or PHYS 1401	PHYS 1430	PHYS 1443	PHYS 1301/1101 (PHYS 1401 @ TC)

Temple College	Texas State BS Chemistry	UT-Arlington BS Chemistry	Sam Houston State BS Chemistry
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FOURTH SEMESTER

GOVT 2306 - Texas Government	POSI 2306	POLS 2312	POLS 2306
CHEM 2425 - Organic Chemistry II	CHEM 2342	CHEM 2322/2182	CHEM 2325/2125
Any course from Lang/Phil/Cult core	ENG Literature	LPC CORE	LPC CORE
1 SCH course , if needed to reach 60 SCH	COMM 1310 (SPCH 1311 @ TC)	BIOL 1441 (BIOL 1406 @ TC)	1 SCH Elective
PHYS 2426 (preferred) or PHYS 1402	PHYS 2425	PHYS 1444	PHYS 1302/1102 (PHYS 1402 @ TC)

IMPORTANT LINKS

[Texas State University Website](#)

[University of Texas - Arlington Website](#)

[Sam Houston State University Website](#)