



2020-2021 GUIDED PATHWAY

Associate of Science in Chemistry

FIRST FALL			
16 WEEKS	NOTES	SCH	COMPLETED
CHEM 1411 - General Chemistry I	⚠	4	<input type="checkbox"/>
MATH 2413 - Calculus I	⚠	4	<input type="checkbox"/>
FIRST 8 WEEKS	NOTES	SCH	COMPLETED
ENGL 1301 - Composition I	⚠ FY	3	<input type="checkbox"/>
SECOND 8 WEEKS	NOTES	SCH	COMPLETED
ENGL 1302 - Composition II	FY	3	<input type="checkbox"/>
Total SCH		14	

SECOND FALL			
16 WEEKS	NOTES	SCH	COMPLETED
CHEM 2423 - Organic Chemistry I	⚠	4	<input type="checkbox"/>
PHYS 1401 or PHYS 2425	⚠ ⊕	4	<input type="checkbox"/>
FIRST 8 WEEKS	NOTES	SCH	COMPLETED
GOVT 2305 - Federal Government	FY	3	<input type="checkbox"/>
SECOND 8 WEEKS	NOTES	SCH	COMPLETED
GOVT 2306 - Texas Government	FY	3	<input type="checkbox"/>
Total SCH		14	

FIRST SPRING			
16 WEEKS	NOTES	SCH	COMPLETED
CHEM 1412 - General Chemistry II	⚠	4	<input type="checkbox"/>
MATH 2414 - Calculus II		4	<input type="checkbox"/>
FIRST 8 WEEKS	NOTES	SCH	COMPLETED
HIST 1301 - United States History I	FY	3	<input type="checkbox"/>
SECOND 8 WEEKS	NOTES	SCH	COMPLETED
HIST 1302 - United States History II	FY	3	<input type="checkbox"/>
Total SCH		14	

SECOND SPRING			
16 WEEKS	NOTES	SCH	COMPLETED
CHEM 2425 - Organic Chemistry II		4	<input type="checkbox"/>
PHYS 1402 or PHYS 2426	⊕	4	<input type="checkbox"/>
FIRST 8 WEEKS	NOTES	SCH	COMPLETED
Language, Philosophy, Culture Core	FY ⊕	3	<input type="checkbox"/>
SECOND 8 WEEKS	NOTES	SCH	COMPLETED
Creative Arts Core	FY ⊕	3	<input type="checkbox"/>
Total SCH		14	

The following summer classes can also be taken during any fall or spring semester.

FIRST SUMMER	NOTES	SCH	COMPLETED
Social/Behavioral Science Core	FY	3	<input type="checkbox"/>
Total SCH		3	
First Year SCH		31	

SECOND SUMMER	NOTES	SCH	COMPLETED
1 sch as needed for graduation	⊕	1	<input type="checkbox"/>
Total SCH		1	
Second Year SCH		29	
Graduation SCH		60	

Definition of Notes

- ⚠ Must successfully complete the course in order to progress in the AS Chemistry degree.
- FY Course will be offered on a continuous basis so that a student can take the course in any fall and spring semester.
- ⊕ Meet with an academic advisor or department chair for university specific transfer course.

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

Helpful Links

- [Expenses and Scholarships](#)
- [Financial Aid Information](#)
- [Core Curriculum Courses](#)
- [MATH Courses](#)
- [CHEM Courses](#)
- [PHYS Courses](#)

Transfer Outlook

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

Career Outlook

- Medical Scientist** - \$94,063* w/Bachelor Degree
- Veterinarians** - \$104,111* w/Doctoral Degree
- Pharmacist** - \$119,190* w/Doctoral Degree

*Based on entry-level jobs in Central Texas