



NCTC ASSOCIATE OF ARTS IN TEACHING (AAT) DEGREE SUGGESTED PATHWAY FOR CHEMISTRY/7-12, TEACHER CERTIFICATION MAJORS (2021-2022)

The following is a recommended sequence of courses for students intending on majoring in a **Chemistry/7-12, Teacher Certification field** at a Texas public university. The Associate of Arts in Teaching (AAT) degree is designed to transfer into a bachelor's degree at a four-year public university in the state of Texas. The transfer university is the final authority on determining if all the courses within the NCTC Associate of Arts in Teaching degree are transferable and applicable for an intended major, so students should consult with an advisor at the university level regarding all coursework to be completed at NCTC.

Students placing at college preparatory levels will have additional courses to complete before taking eligible college-level courses in this sequence, and some courses may have pre-requisites; please check the course descriptions in the NCTC catalog. The number of courses taken each semester can also be adjusted as several core classes are offered during Summer and Mini-mesters; this sequence only takes into account Fall and Spring semesters. **Depending on how many credit hours you have already attempted, all courses on this pathway may not be eligible for Financial Aid through NCTC.**

FIRST SEMESTER		CREDIT HOURS
EDUC 1300	Learning Frameworks	3
HIST 1301	U.S. History I (<i>up to 1865</i>)	3
MATH Core	MATH 2412-Pre-Calculus I or MATH 1316-Trigonometry**	3-4
ENGL 1301	Composition I	3
1 st LAB SCIENCE Core	CHEM 1411-General Chemistry I**	<u>4</u>
		16-17
SECOND SEMESTER		
ENGL 2311	Technical Writing	3
HIST 1302 or 2301	U.S. History II (<i>1865 to present</i>) or Texas History	3
MATH Elective	MATH 2413-Calculus I*	4
Elective	EDUC 1301-Intro. to the Teaching Profession*	3
2 nd LAB SCIENCE Core	CHEM 1412-General Chemistry II*	<u>4</u>
		17
THIRD SEMESTER		
GOVT 2305	American National Government	3
SPCH 1311, 1315, 1321	Intro. to Communication, Public Speaking, or Business and Professional Speech	3
SOCIAL/BEHAV Core	SOCI 1301-Intro. to Sociology or other Social Science core*	3
Elective	EDUC 2301-Intro. to Special Populations*	3
3 rd LAB SCIENCE Elec.	CHEM 2423-Organic Chemistry I or PHYS 1401-College Physics I**	<u>4</u>
		16
FOURTH SEMESTER		
GOVT 2306	Texas Government	3
LANG/PHIL/CULTURE Core	HUMA 1301-Intro. to Humanities or other Lang/Phil/Culture core	3
ARTS Core	MUSI 1306-Music Appreciation or other Creative Arts core	3
4 th LAB SCIENCE Elec.	CHEM 2425-Organic Chemistry II or PHYS 1402-College Physics II*	<u>4</u>
		13
	<i>Total Credit Hours</i>	62-63*

*Consult with your intended transfer university AND an advisor at NCTC to determine which courses would satisfy both elective and core requirements for your major, and also how many credit hours beyond the 60 hours required for an AAT degree are transferable.

**MATH 1314 is a prerequisite to MATH 1316, MATH 2412, and CHEM 1411, and MATH 1314 along with either MATH 1316 or 2412 are prerequisites to PHYS 1401. Some Math prerequisites may be satisfied by earning required scores on CLEP, AP, IB, ACT, or SAT.

Please see an advisor at NCTC for details.

TRANSFER RESOURCES

NCTC COUNSELING AND ADVISING QUESTIONS: advising@nctc.edu

COLLEGE FOR ALL TEXANS: www.collegeforalltexans.com

TEXAS COMMON COURSE NUMBERING SYSTEM (TCCNS): www.tccns.org

NORTH TEXAS COMMUNITY COLLEGE CONSORTIUM TRANSFER COLLABORATIVE:

<http://ntxccc.org/content/transfer>