



## NCTC ASSOCIATE OF SCIENCE (AS) GENERAL STUDIES DEGREE SUGGESTED PATHWAY FOR PRE-VETERINARIAN MAJORS (2021-2022)

The following is a recommended sequence of courses for students intending on majoring in a **Pre-Veterinarian field** at a Texas public university. The Associate of Science (AS) General Studies 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 Science 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 1316-Trigonometry or MATH2412-Pre-Calculus**	3-4
1 <sup>st</sup> LAB SCIENCE Core	CHEM1411-Chemistry I**	4
2 <sup>st</sup> LAB SCIENCE Core	BIOL1406-Biology for Science Majors I or BIOL 1411-Botany*	4
		<b>17-18</b>
SECOND SEMESTER		
ARTS Core	MUSI 1306 or other Creative Arts core	3
HIST 1302 or 2301	U.S. History II ( <i>1865 to present</i> ) or Texas History	3
2 <sup>nd</sup> MATH	MATH 2413- Calculus I or MATH 1342-Statistics*	3-4
3 <sup>rd</sup> LAB SCIENCE	CHEM 1412-General Chem. II*	4
4 <sup>th</sup> LAB SCIENCE	BIOL 1407-Biology for Science Majors II or BIOL 1413-Zoology*	4
		<b>17-18</b>
THIRD SEMESTER		
GOVT 2305	American National Government	3
SPCH 1311, 1315 or 1321	Intro. to Communication, Public Speaking, or Business and Professional Speech	3
ENGL 1301	Composition I	3
SOCIAL/BEHAV Core	SOCI 1301 or other Social Science core	3
Elective	PHYS 1401-General Physics I**, CHEM 2423-Organic Chemistry I, or AGRI 1419-Animal Science*	4
		<b>17</b>
FOURTH SEMESTER		
GOVT 2306	Texas Government	3
LANG/PHIL/CULTURE Core	PHIL 2306-Intro. to Ethics or other Lang/Phil/Culture core	3
ENGL 2311 or 1302	Technical Writing or Composition II	3
Elective	PHYS 1402-General Physics II, CHEM 2425-Organic Chemistry II, BIOL 2420-Microbiology, or AGRI 1407-Agronomy	4
		<b>13</b>
	<i>Total Credit Hours</i>	<b>64-66*</b>

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

\*\*MATH 1314 is a prerequisite to CHEM 1411, and MATH 1314 along with either MATH 1316 or 2412 are prerequisites to MATH 2413 and PHYS 1401 or 2425. Until you have completed these prerequisites you will be under a General Studies major (AA or AS degree). 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](mailto:advising@nctc.edu)

COLLEGE FOR ALL TEXANS: [www.collegeforalltexans.com](http://www.collegeforalltexans.com)

TEXAS COMMON COURSE NUMBERING SYSTEM (TCCNS): [www.tccns.org](http://www.tccns.org)

NORTH TEXAS COMMUNITY COLLEGE CONSORTIUM TRANSFER COLLABORATIVE:

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