



## NCTC ASSOCIATE OF ARTS (AA) GENERAL STUDIES DEGREE SUGGESTED PATHWAY FOR ACCOUNTING/BUSINESS/ECONOMICS MAJORS (2022-2023)

The following is a recommended sequence of courses for students intending on majoring in an **Accounting/Business/Economics field** at a Texas public university. The Associate of Arts (AA) 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 Arts 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 maps out 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
ENGL 1301	Composition I	3
EDUC 1300	Learning Frameworks	3
HIST 1301	U.S. History I ( <i>up to 1865</i> )	3
MATH Core	MATH 1314-College Alg., MATH 1324-Bus. Analysis, or MATH 2412-Pre-Calc.**	3
SOCIAL/BEHAV Core	ECON 2301-Macroeconomics	<u>3</u>
		<b>15</b>
SECOND SEMESTER		
ENGL 2311 or 1302	Technical Writing or Composition II	3
HIST 1302 or 2301	U.S. History II ( <i>1865 to present</i> ) or Texas History	3
1 <sup>st</sup> LAB SCIENCE Core	BIOL 1408, 1409, or 2406, CHEM 1406 or PHYS 1415, ASTR 1403 or 1404, GEOG 1401 or 1402, or HORT 1401 ( <i>options for non-Science majors</i> )	4
Elective	ECON 2302-Microeconomics*	3
Elective	MATH 1325-Business Calculus or MATH 2413-Calculus I*	<u>3-4</u>
		<b>16-17</b>
THIRD SEMESTER		
GOVT 2305	American National Government	3
SPCH 1321	Business and Professional Speech or other Speech core	3
2 <sup>nd</sup> LAB SCIENCE Core	BIOL 1408, 1409, or 2406, CHEM 1406 or PHYS 1415, ASTR 1403 or 1404, GEOG 1401 or 1402, or HORT 1401 ( <i>options for non-Science majors</i> )	4
Elective	ACCT 2301-Principles of Accounting I*	3
Elective	BCIS 1305-Business and Computer Applications*	<u>3</u>
		<b>16</b>
FOURTH SEMESTER		
GOVT 2306	Texas Government	3
LANG/PHIL/CULTURE Core	PHIL 2306-Intro. to Ethics or other Lang/Phil/Culture core	3
ARTS Core	ARTS 1301-Art Appreciation or other Creative Arts core	3
Elective	ACCT 2302-Principles of Accounting II*	3
Elective	MATH 1342-Elementary Statistics*	<u>3</u>
		<b>15</b>
<i>Total Credit Hours (apply for Graduation!)</i>		<b>62-63*</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. Some universities may require 12-14 hours of a Foreign Language for Bachelor of Arts majors or proven language proficiency through credit by exam ([CLEP](#), [AP](#), [IBD](#)).

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**UNIVERSITY OF NORTH TEXAS (UNT): <https://registrar.unt.edu/ug-course-sequencing-and-transfer-guides>**

**TEXAS ON COURSE: <https://texasoncourse.org/>**

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

**WHAT CAN I DO WITH THIS MAJOR: <https://whatcanidowiththismajor.com/major/>**

**NORTH TEXAS COMMUNITY COLLEGE CONSORTIUM PATHWAYS: <http://ntxccc.org/content/transfer>**



## NCTC ASSOCIATE OF ARTS (AA) GENERAL STUDIES DEGREE SUGGESTED PATHWAY FOR AGRIBUSINESS MAJORS (2022-2023)

The following is a recommended sequence of courses for students intending on majoring in an **Agribusiness field** at a Texas public university. The Associate of Arts (AA) 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 Arts 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 maps out 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
ENGL 1301	Composition I	3
EDUC 1300	Learning Frameworks	3
HIST 1301	U.S. History I ( <i>up to 1865</i> )	3
MATH Core	MATH 1314-College Algebra or MATH 1324-Math for Business Analysis	3
SOCIAL/BEHAV Core	ECON 2301-Macroeconomics*	<u>3</u>
		<b>15</b>
SECOND SEMESTER		
ENGL 2311 or 1302	Technical Writing or Composition II	3
HIST 1302 or 2301	U.S. History II ( <i>1865 to present</i> ) or Texas History	3
ARTS Core	MUSI 1306 or other Creative Arts core	3
Elective	ECON 2302-Microeconomics or AGRI 2317-Ag. Economics*	3
Elective	MATH 1325-Business Calculus*	<u>3</u>
		<b>15</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
1 <sup>st</sup> LAB SCIENCE Core	BIOL 1413-Zoology, BIOL 1408-Bio. for Non-Science majors, or other Science core	4
Elective	ACCT 2301-Principles of Accounting I*	3
Elective	BCIS 1305-Business and Computer Applications*	<u>3</u>
		<b>16</b>
FOURTH SEMESTER		
GOVT 2306	Texas Government	3
LANG/PHIL/CULTURE Core	HUMA 1301-Intro. to Humanities or other Lang/Phil/Culture core	3
2 <sup>nd</sup> LAB SCIENCE Core	BIOL 1411-Botany, BIOL 2406-Environmental Biology, or other Science core	4
Elective	ACCT 2302-Principles of Accounting II*	3
Elective	BUSG, AGRI, or other course required for major*	<u>3-4</u>
		<b>16-17</b>
<i>Total Credit Hours (apply for Graduation!)</i>		<b>62-63*</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. Some universities may require 12-14 hours of a Foreign Language for Bachelor of Arts majors or proven language proficiency through credit by exam ([CLEP](#), [AP](#), [IBD](#)).

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## NCTC ASSOCIATE OF ARTS (AA) GENERAL STUDIES DEGREE SUGGESTED PATHWAY FOR ANIMAL SCIENCE (NON-PREVET) MAJORS (2022-2023)

The following is a recommended sequence of courses for students intending on majoring in an **Animal Science field (non-Pre-Vet)** at a Texas public university. The Associate of Arts (AA) 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 Arts 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 maps out 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
ENGL 1301	Composition I	3
EDUC 1300	Learning Frameworks	3
HIST 1301	U.S. History I ( <i>up to 1865</i> )	3
MATH Core	MATH 1314-College Algebra or other Algebra-based Math core	3-4
1 <sup>st</sup> LAB SCIENCE Core	BIOL 1406-Biology for Science Majors I or BIOL 1413-Zoology	<u>4</u>
		<b>16-17</b>
SECOND SEMESTER		
ENGL 2311	Technical Writing	3
HIST 1302 or 2301	U.S. History II ( <i>1865 to present</i> ) or Texas History	3
Elective	AGRI 2317-Intro.to Agricultural Economics*	3
Elective	AGRI 1419-Animal Science*	4
2 <sup>nd</sup> LAB SCIENCE Core	CHEM 1411-General Chemistry I**	<u>4</u>
		<b>17</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
SOCIAL/BEHAV Core	ECON 2301-Macroecon., ECON 2302-Microecon., or other Social Science core	3
Elective	AGRI 1407-Agronomy*	4
Elective	BIOL 1407-Biology for Science Majors II or BIOL 1411-Botany *	<u>4</u>
		<b>17</b>
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 or other Creative Arts core	3
Elective	Additional Math, Science, or Agriculture course*	<u>3-4</u>
		<b>12-13</b>
<i>Total Credit Hours (apply for Graduation!)</i>		<b>62-64*</b>
FIRST SEMESTER		CREDIT HOURS

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## NCTC ASSOCIATE OF ARTS (AA) GENERAL STUDIES DEGREE SUGGESTED PATHWAY FOR ANTHROPOLOGY MAJORS (2022-2023)

The following is a recommended sequence of courses for students intending on majoring in an **Anthropology field** at a Texas public university. The Associate of Arts (AA) 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 Arts 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.

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FIRST SEMESTER		CREDIT HOURS
ENGL 1301	Composition I	3
EDUC 1300	Learning Frameworks	3
MATH Core	MATH 1342-Elementary Statistics*	3
SOCIAL/BEHAV Core	ANTH 2346-General Anthropology	3
Elective	SPAN 1411 Foreign Language I or SOCI 1301-Intro. to Sociology*	3-4
		<b>15-16</b>
SECOND SEMESTER		
ENGL 1302 or 2311	Composition II or Technical Writing	3
HIST 1301	U.S. History I ( <i>up to 1865</i> )	3
1 <sup>st</sup> LAB SCIENCE Core	BIOL 1408, 1409, or 2406, CHEM 1406 or PHYS 1415, ASTR 1403 or 1404, GEOG 1401 or 1402, or HORT 1401 ( <i>options for non-Science majors</i> )	4
ARTS Core	ARTS 1301-Art Appreciation or other Creative Arts core	3
Elective	SPAN1412 Foreign Language II or PSYC 2301-Intro. to Psychology*	3-4
		<b>16-17</b>
THIRD SEMESTER		
GOVT 2305	American National Government	3
LANG/PHIL/CULTURE Core	SPAN 2311 Foreign Language III or HUMA 1301-Intro. to Humanities*	3-4
2 <sup>nd</sup> LAB SCIENCE Core	BIOL 1408, 1409, or 2406, CHEM 1406 or PHYS 1415, ASTR 1403 or 1404, GEOL 1401 or 1402, or HORT 1401 ( <i>options for non-Science majors</i> )	4
HIST 1302 or 2301	U.S. History II ( <i>1865 to present</i> ) or Texas History	3
Elective	HIST 2321-World Civilizations I*	3
		<b>16-17</b>
FOURTH SEMESTER		
GOVT 2306	Texas Government	3
SPCH 1311, 1315, or 1321	Intro. to Communication, Public Speaking, or Business and Prof. Speech	3
Elective	SPAN 2312 Foreign Language IV* or SOCI 2319-Minority Studies*	3-4
Elective	HIST 2322-World Civilizations II*	3
Elective	ANTH 2351-Cultural Anthropology*	3
		<b>15-16</b>
<i>Total Credit Hours (apply for Graduation!)</i>		<b>62-66*</b>

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## NCTC ASSOCIATE OF ARTS (AA) GENERAL STUDIES DEGREE SUGGESTED PATHWAY FOR COMPUTER SCIENCE MAJORS (2022-2023)

The following is a recommended sequence of courses for students intending on majoring in a **Computer Science field** at a Texas public university. The Associate of Arts (AA) 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 Arts 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.

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FIRST SEMESTER		CREDIT HOURS
EDUC 1300	Learning Frameworks	3
HIST 1301	U.S. History I ( <i>up to 1865</i> )	3
MATH Core	MATH 2414-Calculus II**	4
ENGL 1301	Composition I	3
Elective	COSC 1436-Programming Fundamentals I*	<u>4</u>
		<b>17</b>
SECOND SEMESTER		
ENGL 2311 or 1302	Technical Writing or Composition II	3
HIST 1302 or 2301	U.S. History II ( <i>1865 to present</i> ) or Texas History	3
ARTS Core	MUSI 1306 or other Creative Arts core	3
2 <sup>nd</sup> MATH	MATH 2318-Linear Algebra*	3
Elective	COSC 1437-Programming Fundamentals II*	<u>4</u>
		<b>16</b>
THIRD SEMESTER		
GOVT 2305	American National Government	3
SOCIAL/BEHAV Core	ECON 2301-Macroeconomics or other Social Science core	3
LANG/PHIL/CULTURE Core	PHIL 2306-Intro. to Ethics or other Lang/Phil/Culture core	3
Elective	COSC 2436-Programming Fundamentals III*	4
1 <sup>st</sup> LAB SCIENCE Core	PHYS 2425-University Physics I**	<u>4</u>
		<b>17</b>
FOURTH SEMESTER		
GOVT 2306	Texas Government	3
SPCH 1311, 1315, 1321	Intro. to Communication, Public Speaking, or Business and Professional Speech	3
Elective	COSC 2425-Comp. Org., MATH 2320-Diff. Equations, MATH 2415-Calculus III, or Science core*	3-4
2 <sup>nd</sup> LAB SCIENCE Core	PHYS 2426-University Physics II**	<u>4</u>
		<b>13-14</b>
	<i>Total Credit Hours (apply for Graduation!)</i>	<b>63-64*</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 PHYS1401 or 2425. Some Math prerequisites may be satisfied by earning required scores on **CLEP, AP, IB, ACT, or SAT**. Until you have completed the Math prerequisites for this pathway you will be under an AA-Pre-STEM pathway major.

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**NCTC ASSOCIATE OF ARTS (AA) GENERAL STUDIES DEGREE  
SUGGESTED PATHWAY FOR  
CONSTRUCTION/INDUSTRIALSCIENCE/MGMT/TECHNOLOGY MAJORS (2022-2023)**

The following is a recommended sequence of courses for students intending on majoring in a **Construction/Industrial Science/Management/Technology field** at a Texas public university. The Associate of Arts (AA) 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 Arts 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 maps out 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
ENGL 1301	Composition I	3
EDUC 1300	Learning Frameworks	3
HIST 1301	U.S. History I ( <i>up to 1865</i> )	3
MATH Core	MATH 1316-Trigonometry or MATH 2412-Pre-Calculus**	3-4
Elective	ACCT 2301-Principles of Accounting I*	<u>3</u>
		<b>15-16</b>
SECOND SEMESTER		
ENGL 2311 or 1302	Technical Writing or Composition II	3
HIST 1302	U.S. History II ( <i>1865 to present</i> )	3
ARTS Core	MUSI 1306 or other Creative Arts core	3
2 <sup>nd</sup> MATH	MATH 2413-Calculus I or MATH 1325-Business Calculus*	4
1 <sup>st</sup> LAB SCIENCE Core	CHEM 1411-General Chem. I**	<u>4</u>
		<b>17</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
2 <sup>nd</sup> MATH	MATH 2414-Calculus II*	4
2 <sup>nd</sup> LAB SCIENCE Core	PHYS 1401-College Physics I or PHYS 2425-Engineering Physics I**	4
SOCIAL/BEHAV Core	ECON 2302-Microeconomics*	<u>3</u>
		<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
Elective	MATH 2415-Calculus III, MATH 1342-Elementary Statistics, ECON 2301-Macroeconomics, or ACCT 2302-Principles of Accounting II*	3-4
Elective	PHYS 1402-College Physics II or PHYS 2426-Engineering Physics II*	<u>4</u>
		<b>13-14</b>
<i>Total Credit Hours (apply for Graduation!)</i>		<b>62-64*</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 PHYS1401 or 2425. Some Math prerequisites may be satisfied by earning required scores on CLEP, AP, IB, ACT, or SAT. Until you have completed the Math prerequisites for this pathway you will be under an AA-Pre-STEM pathway major.

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## NCTC ASSOCIATE OF ARTS (AA) GENERAL STUDIES DEGREE SUGGESTED PATHWAY FOR CRIMINAL JUSTICE MAJORS (2022-2023)

The following is a recommended sequence of courses for students intending on majoring in a **Criminal Justice field** at a Texas public university. The Associate of Arts (AA) 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 Arts 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 maps out 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
ENGL 1301	Composition I	3
EDUC 1300	Learning Frameworks	3
HIST 1301	U.S. History I ( <i>up to 1865</i> )	3
MATH Core	MATH 1314-College Alg., MATH 1332-Contemp. Math, or MATH 1342-Elem. Stats.	3
SOCIAL/BEHAV Core	SOCI 1301-Intro. to Sociology or other Social/Behavioral Science core	<u>3</u>
		<b>15</b>
SECOND SEMESTER		
ENGL 2311 or 1302	Technical Writing or Composition II	3
HIST 1302 or 2301	U.S. History II ( <i>1865 to present</i> ) or Texas History	3
1 <sup>st</sup> LAB SCIENCE Core	BIOL 1408, 1409, or 2406, CHEM 1406 or PHYS 1415, ASTR 1403 or 1404, GEOG 1401 or 1402, or HORT 1401 ( <i>options for non-Science majors</i> )	4
Elective	CRIJ 1301-Intro. to Criminal Justice*	3
Elective	CRIJ 1306-Court Systems and Practices*	<u>3</u>
		<b>16</b>
THIRD SEMESTER		
GOVT 2305	American National Government	3
SPCH 1311, 1315, or 1321	Intro. to Communication, Public Speaking, or Business and Prof. Speech	3
2 <sup>nd</sup> LAB SCIENCE Core	BIOL 1408, 1409, or 2406, CHEM 1406 or PHYS 1415, ASTR 1403 or 1404, GEOG 1401 or 1402, or HORT 1401 ( <i>options for non-Science majors</i> )	4
LANG/PHIL/CULTURE Core	PHIL 2306-Intro. to Ethics or other Lang/Phil/Culture core	3
Elective	CRIJ 1310-Fundamentals of Criminal Law*	<u>3</u>
		<b>16</b>
FOURTH SEMESTER		
GOVT 2306	Texas Government	3
ARTS Core	ARTS 1301-Art Appreciation or other Creative Arts core	3
Elective	CRIJ 2313-Correctional Systems and Practices*	3
Elective	CRIJ 2328-Police Systems and Practices*	3
Elective	PSYC 2301-Intro. to Psychology*	<u>3</u>
		<b>15</b>
<i>Total Credit Hours (apply for Graduation!)</i>		<b>62*</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. Some universities may require 12-14 hours of a Foreign Language for Bachelor of Arts majors or proven language proficiency through credit by exam ([CLEP](#), [AP](#), [IBD](#)).

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## NCTC ASSOCIATE OF ARTS (AA) GENERAL STUDIES DEGREE SUGGESTED PATHWAY FOR DRAMA/THEATER ARTS MAJORS (2022-2023)

The following is a recommended sequence of courses for students intending on majoring in a **Drama/Theater Arts** field at a Texas public university. The Associate of Arts (AA) 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 Arts 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 maps out 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
ENGL 1301	Composition I	3
EDUC 1300	Learning Frameworks	3
HIST 1301	U.S. History I ( <i>up to 1865</i> )	3
ARTS Core	DRAM 1310-Intro. to Theater	3
SPCH 1315	Public Speaking or other Speech core	3
		<b>15</b>
SECOND SEMESTER		
ENGL 2311 or 1302	Technical Writing or Composition II	3
HIST 1302 or 2301	U.S. History II ( <i>1865 to present</i> ) or Texas History	3
MATH Core	MATH 1332-Contemporary Mathematics or other Math core	3
SOCIAL/BEHAV Core	SPCH 1318-Interpersonal Communication or other Social Science core	3
Elective	DRAM 1351-Acting I*	3
Elective	DRAM 2366-Intro. to Cinema*	3
		<b>18</b>
THIRD SEMESTER		
GOVT 2305	American National Government	3
LANG/PHIL/CULTURE Core	Philosophy, Humanities, English Literature, or other LPC core	3
1 <sup>st</sup> LAB SCIENCE Core	BIOL 1408, 1409, or 2406, CHEM 1406 or PHYS 1415, ASTR 1403 or 1404, GEOG 1401 or 1402, or HORT 1401 ( <i>options for non-Science majors</i> )	4
Elective	DRAM 1352-Acting II*	3
Elective	Foreign Language or other relevant course*	3-4
		<b>16-17</b>
FOURTH SEMESTER		
GOVT 2306	Texas Government	3
2 <sup>nd</sup> LAB SCIENCE Core	BIOL 1408, 1409, or 2406, CHEM 1406 or PHYS 1415, ASTR 1403 or 1404, GEOG 1401 or 1402, or HORT 1401 ( <i>options for non-Science majors</i> )	4
Elective	DRAM 1350-Stagecraft I or other relevant course*	3
Elective	Foreign Language or other relevant course*	3-4
		<b>13-14</b>
<i>Total Credit Hours (apply for Graduation!)</i>		<b>62-64*</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. Some universities may require 12-14 hours of a Foreign Language for Bachelor of Arts majors or proven language proficiency through credit by exam (CLEP, AP, IBD).

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## NCTC ASSOCIATE OF ARTS (AA) GENERAL STUDIES DEGREE SUGGESTED PATHWAY FOR ENGLISH MAJORS (2022-2023)

The following is a recommended sequence of courses for students intending on majoring in an **English field** at a Texas public university. The Associate of Arts (AA) 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 Arts 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 maps out 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
ENGL 1301	Composition I	3
EDUC 1300	Learning Frameworks	3
HIST 1301	U.S. History I ( <i>up to 1865</i> )	3
MATH Core	MATH 1332-Contemporary Mathematics or other Math core	3
Elective	SPAN 1411 Foreign Language I or ENGL 2327-American Lit. I*	3-4
		<b>15-16</b>
SECOND SEMESTER		
ENGL 1302	Composition II	3
HIST 1302 or 2301	U.S. History II ( <i>1865 to present</i> ) or Texas History	3
1 <sup>st</sup> LAB SCIENCE Core	BIOL 1408, 1409, or 2406, CHEM 1406 or PHYS 1415, ASTR 1403 or 1404, GEOG 1401 or 1402, or HORT 1401 ( <i>options for non-Science majors</i> )	4
ARTS Core	DRAM 1310-Intro. to Theater or other Creative Arts core	3
Elective	SPAN 1412 Foreign Language II or ENGL 2328-American Lit. II*	3-4
		<b>16-17</b>
THIRD SEMESTER		
GOVT 2305	American National Government	3
LANG/PHIL/CULTURE Core	SPAN 2311 Foreign Language III or ENGL 2322-British Lit. I*	3-4
2 <sup>nd</sup> LAB SCIENCE Core	BIOL 1408, 1409, or 2406, CHEM 1406 or PHYS 1415, ASTR 1403 or 1404, GEOL 1401 or 1402, or HORT 1401 ( <i>options for non-Science majors</i> )	4
SOCIAL/BEHAV Core	SPCH 1318-Interpersonal Communication or other Social Science core	3
Elective	ENGL 2332-World Lit. I*	3
		<b>16-17</b>
FOURTH SEMESTER		
GOVT 2306	Texas Government	3
SPCH 1311, 1315, or 1321	Intro. to Communication, Public Speaking, or Business and Prof. Speech	3
Elective	SPAN 2312 Foreign Language IV* or ENGL 2323-British Lit. II*	3-4
Elective	ENGL 2333-World Lit. II*	3
Elective	ENGL 2351-Mexican American Literature or ENGL 2341-Forms of Literature*	3
		<b>15-16</b>
<i>Total Credit Hours (apply for Graduation!)</i>		<b>62-66*</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. Some universities may require 12-14 hours of a Foreign Language for Bachelor of Arts majors or proven language proficiency through credit by exam (CLEP, AP, IBD).

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## NCTC ASSOCIATE OF ARTS (AA) GENERAL STUDIES DEGREE SUGGESTED PATHWAY FOR GOVERNMENT MAJORS (2022-2023)

The following is a recommended sequence of courses for students intending on majoring in a **Government or Political Science field** at a Texas public university. The Associate of Arts (AA) 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 Arts 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 maps out 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
ENGL 1301	Composition I	3
EDUC 1300	Learning Frameworks	3
HIST 1301	U.S. History I ( <i>up to 1865</i> )	3
MATH Core	MATH 1342-Elementary Statistics or other Math core	3
SOCIAL/BEHAV Core	SOCI 1301-Intro. to Sociology or other Social Science core	<u>3</u>
		<b>15</b>
SECOND SEMESTER		
ENGL 1302 or 2311	Composition II or Technical Writing	3
HIST 1302	U.S. History II ( <i>1865 to present</i> )	3
LANG/PHIL/CULTURE Core	HUMA 1301-Intro. to Humanities or other Lang/Phil/Culture core	3
1 <sup>st</sup> LAB SCIENCE Core	BIOL 1408, 1409, or 2406, CHEM 1406 or PHYS 1415, ASTR 1403 or 1404, GEOG 1401 or 1402, or HORT 1401 ( <i>options for non-Science majors</i> )	4
ARTS Core	DRAM 1310-Intro. to Theater or other Creative Arts core	<u>3</u>
		<b>16</b>
THIRD SEMESTER		
GOVT 2305	American National Government	3
SPCH 1311, 1315, or 1321	Intro. to Communication, Public Speaking, or Business and Prof. Speech	3
2 <sup>nd</sup> LAB SCIENCE Core	BIOL 1408, 1409, or 2406, CHEM 1406 or PHYS 1415, ASTR 1403 or 1404, GEOL 1401 or 1402, or HORT 1401 ( <i>options for non-Science majors</i> )	4
Elective	HIST 2321-World Civilizations I*	3
Elective	PHIL 1301-Intro. to Philosophy or Foreign Language I*	<u>3-4</u>
		<b>16-17</b>
FOURTH SEMESTER		
GOVT 2306	Texas Government	3
Elective	HIST 2322-World Civilizations II*	3
Elective	HIST 2301-Texas History*	3
Elective	ENGL 2327-American Literature I*	3
Elective	PHIL 2306-Intro. to Ethics or Foreign Language II*	<u>3-4</u>
		<b>15-16</b>
<i>Total Credit Hours (apply for Graduation!)</i>		<b>62-64*</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. Some universities may require 12-14 hours of a Foreign Language for Bachelor of Arts majors or proven language proficiency through credit by exam ([CLEP](#), [AP](#), [IBD](#)).

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## NCTC ASSOCIATE OF ARTS (AA) GENERAL STUDIES DEGREE SUGGESTED PATHWAY FOR HEALTH SCIENCE MAJORS (2022-2023)

The following is a recommended sequence of courses for students intending on majoring in a **Health Science field** at a Texas public university. The Associate of Arts (AA) 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 Arts 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 maps out 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
ENGL 1301	Composition I	3
EDUC 1300	Learning Frameworks	3
ARTS Core	ARTS 1301-Art Appreciation or other Creative Arts core	3
MATH Core	MATH 1342-Elementary Statistics	3
Elective	BIOL 1322-Nutrition*	<u>3</u>
		<b>15</b>
SECOND SEMESTER		
ENGL 1302	Composition II	3
1 <sup>st</sup> LAB SCIENCE Core	BIOL 2401-Anatotomy and Physiology I	4
SOCIAL/BEHAV Core	PSYC 2314-Lifespan Growth and Development	3
SPCH 1311, 1315 or 1321	Intro. to Comm., Public Speaking, or Business and Professional Speech	<u>3</u>
		<b>13</b>
THIRD SEMESTER		
GOVT 2305	American National Government	3
2 <sup>nd</sup> LAB SCIENCE Core	BIOL 2402-Anatotomy and Physiology II	4
HIST 1301 or 2301	U.S. History I ( <i>up to 1865</i> ) or Texas History	3
LANG/PHIL/CULTURE Core	HUMA 1301-Intro. to Humanities or other Lang/Phil/Culture core	3
Elective	PSYC 2301-General Psychology*	<u>3</u>
		<b>16</b>
FOURTH SEMESTER		
GOVT 2306	Texas Government	3
HIST 1302	U.S. History II ( <i>1865 to present</i> )	3
Elective	BIOL 2420-Microbiology*	4
Elective	CHEM 1406-Intro. to Chemistry or CHEM 1411-General Chemistry I**	4
Elective	HITT 1305-Med. Term., SOCI 1301-Intro. to Sociology, MATH 1314-College Algebra, or other relevant course*	<u>3</u>
		<b>17</b>
Total Credit Hours ( <i>apply for Graduation!</i> )		<b>61*</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. Some universities may require 12-14 hours of a Foreign Language for Bachelor of Arts majors or proven language proficiency through credit by exam (CLEP, AP, IBD).

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## NCTC ASSOCIATE OF ARTS (AA) GENERAL STUDIES DEGREE SUGGESTED PATHWAY FOR HISTORY MAJORS (2022-2023)

The following is a recommended sequence of courses for students intending on majoring in a **History field** at a Texas public university. The Associate of Arts (AA) 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 Arts 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 maps out 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
ENGL 1301	Composition I	3
EDUC 1300	Learning Frameworks	3
HIST 1301	U.S. History I ( <i>up to 1865</i> )	3
MATH Core	MATH 1342-Elementary Statistics or other Math core	3
SOCIAL/BEHAV Core	SOCI 1301-Intro. to Sociology or other Social Science core	<u>3</u>
		<b>15</b>
SECOND SEMESTER		
ENGL 1302 or 2311	Composition II or Technical Writing	3
HIST 1302	U.S. History II ( <i>1865 to present</i> )	3
LANG/PHIL/CULTURE Core	HUMA 1301-Intro. to Humanities or other Lang/Phil/Culture core	3
1 <sup>st</sup> LAB SCIENCE Core	BIOL 1408, 1409, or 2406, CHEM 1406 or PHYS 1415, ASTR 1403 or 1404, GEOG 1401 or 1402, or HORT 1401 ( <i>options for non-Science majors</i> )	4
ARTS Core	ARTS 1301-Art Appreciation or other Creative Arts core	<u>3</u>
		<b>16</b>
THIRD SEMESTER		
GOVT 2305	American National Government	3
SPCH 1311, 1315, or 1321	Intro. to Communication, Public Speaking, or Business and Prof. Speech	3
2 <sup>nd</sup> LAB SCIENCE Core	BIOL 1408, 1409, or 2406, CHEM 1406 or PHYS 1415, ASTR 1403 or 1404, GEOL 1401 or 1402, or HORT 1401 ( <i>options for non-Science majors</i> )	4
Elective	HIST 2321-World Civilizations I*	3
Elective	PHIL 1301-Intro. to Philosophy or Foreign Language I*	<u>3-4</u>
		<b>16-17</b>
FOURTH SEMESTER		
GOVT 2306	Texas Government	3
Elective	HIST 2322-World Civilizations II*	3
Elective	HIST 2301-Texas History*	3
Elective	ENGL 2327-American Literature I*	3
Elective	PHIL 2306-Intro. to Ethics or Foreign Language II*	<u>3-4</u>
		<b>15-16</b>
<i>Total Credit Hours (apply for Graduation!)</i>		<b>62-64*</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. Some universities may require 12-14 hours of a Foreign Language for Bachelor of Arts majors or proven language proficiency through credit by exam (CLEP, AP, IBD).

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## NCTC ASSOCIATE OF ARTS (AA) GENERAL STUDIES DEGREE SUGGESTED PATHWAY FOR HUMANITIES MAJORS (2022-2023)

The following is a recommended sequence of courses for students intending on majoring in a **Humanities field** at a Texas public university. The Associate of Arts (AA) 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 Arts 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 maps out 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
ENGL 1301	Composition I	3
EDUC 1300	Learning Frameworks	3
LANG/PHIL/CULTURE Core	HUMA 1301-Intro. to Humanities	3
MATH Core	MATH 1342-Elementary Statistics or other Math core	3
Elective	SPAN1411 Foreign Language I or PHIL 1301-Intro. to Philosophy*	3-4
		<b>15-16</b>
SECOND SEMESTER		
ENGL 1302 or 2311	Composition II or Technical Writing	3
SOCIAL/BEHAV Core	SOCI 1301-Intro. to Sociology or other Social Science core	3
HIST 1301	U.S. History I ( <i>up to 1865</i> )	3
1 <sup>st</sup> LAB SCIENCE Core	BIOL 1408, 1409, or 2406, CHEM 1406 or PHYS 1415, ASTR 1403 or 1404, GEOG 1401 or 1402, or HORT 1401 ( <i>options for non-Science majors</i> )	4
Elective	SPAN1412 Foreign Language II or DRAM 1310-Intro. to Theater*	3-4
		<b>16-17</b>
THIRD SEMESTER		
GOVT 2305	American National Government	3
SPCH 1311, 1315, or 1321	Intro. to Communication, Public Speaking, or Business and Prof. Speech	3
2 <sup>nd</sup> LAB SCIENCE Core	BIOL 1408, 1409, or 2406, CHEM 1406 or PHYS 1415, ASTR 1403 or 1404, GEOL 1401 or 1402, or HORT 1401 ( <i>options for non-Science majors</i> )	4
HIST 1302	U.S. History II ( <i>1865 to present</i> )	3
Elective	SPAN2311 Foreign Language III or HIST 2321-World Civilizations I*	3-4
		<b>16-17</b>
FOURTH SEMESTER		
GOVT 2306	Texas Government	3
ARTS Core	ARTS 1301-Art Appreciation or other Creative Arts core	3
Elective	SPAN2312 Foreign Language IV or HIST 2322-World Civilizations II*	3-4
Elective	ENGL 2332-World Literature I*	3
Elective	ANTH 2351-Cultural Anthropology*	3
		<b>15-16</b>
		<b>62-66*</b>
		<i>Total Credit Hours (apply for Graduation!)</i>

\*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. Some universities may require 12-14 hours of a Foreign Language for Bachelor of Arts majors or proven language proficiency through credit by exam (CLEP, AP, IBD).

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**WHAT CAN I DO WITH THIS MAJOR: <https://whatcanidowiththismajor.com/major/>**

**NORTH TEXAS COMMUNITY COLLEGE CONSORTIUM PATHWAYS: <http://ntxccc.org/content/transfer>**





## NCTC ASSOCIATE OF ARTS (AA) GENERAL STUDIES DEGREE SUGGESTED PATHWAY FOR KINESIOLOGY MAJORS (2022-2023)

The following is a recommended sequence of courses for students intending on majoring in a **Kinesiology field** at a Texas public university. **Pre-Physical Therapy** students should choose the Biology or Pre-Med Pathway instead. The Associate of Arts (AA) 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 Arts 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 maps out 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
ENGL 1301	Composition I	3
EDUC 1300	Learning Frameworks	3
HIST 1301	U.S. History I ( <i>up to 1865</i> )	3
MATH Core	MATH 1342-Elementary Statistics	3
Elective	BIOL 1322-Nutrition*	<u>3</u>
		<b>15</b>
SECOND SEMESTER		
ENGL 1302 or 2311	Composition II or Technical Writing	3
HIST 1302 or 2301	U.S. History II ( <i>1865 to present</i> ) or Texas History	3
1 <sup>st</sup> LAB SCIENCE	BIOL 2401-Anatatomy and Physiology I*	4
SOCIAL/BEHAV Core	PSYC 2314-Lifespan Growth & Dev., PSYC 2301-Gen. Psyc., or SOCI 1301-Intro. to Sociology	3
Elective	PHED 1301-Intro. to Physical Fitness/Sport*	<u>3</u>
		<b>16</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
2 <sup>nd</sup> LAB SCIENCE Core	BIOL 2402-Anatatomy and Physiology II*	4
LANG/PHIL/CULTURE Core	HUMA 1301-Intro. to Humanities or other Lang/Phil/Culture core	3
Elective	PHED 1304-Personal/Community Health, PHED 1308-Sports Officiating, or two PHED activity courses*	<u>2-3</u>
		<b>15-16</b>
FOURTH SEMESTER		
GOVT 2306	Texas Government	3
ARTS Core	ARTS 1301-Art Appreciation or other Creative Arts core	3
Elective	PHED 1321-Coaching/Sports/Athletics*	3
Elective	PHED 1338-Concepts of Fitness*	3
Elective	PHED 1306-First Aid, PHED 1346-Drug Use and Abuse, or two PHED activity courses*	<u>2-3</u>
		<b>14-15</b>
<i>Total Credit Hours (apply for Graduation!)</i>		<b>60-62*</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. Some universities may require 12-14 hours of a Foreign Language for Bachelor of Arts majors or proven language proficiency through credit by exam ([CLEP](#), [AP](#), [IBD](#)).

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**NORTH TEXAS COMMUNITY COLLEGE CONSORTIUM PATHWAYS: <http://ntxccc.org/content/transfer>**



## NCTC ASSOCIATE OF ARTS (AA) GENERAL STUDIES DEGREE SUGGESTED PATHWAY FOR MATH MAJORS (2022-2023)

The following is a recommended sequence of courses for students intending on majoring in a **Math field** at a Texas public university. The Associate of Arts (AA) 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 Arts 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 maps out 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
ENGL 1301	Composition I	3
EDUC 1300	Learning Frameworks	3
HIST 1301	U.S. History I ( <i>up to 1865</i> )	3
MATH Core	MATH 2413-Calculus I**	4
Elective	COSC 1436-Programming Fundamentals I*	<u>4</u>
		<b>17</b>
SECOND SEMESTER		
ENGL 2311 or 1302	Technical Writing or Composition II	3
HIST 1302 or 2301	U.S. History II ( <i>1865 to present</i> ) or Texas History	3
ARTS Core	MUSI 1306 or other Creative Arts core	3
2 <sup>nd</sup> MATH	MATH 2414-Calculus II	4
1 <sup>st</sup> LAB SCIENCE Core	PHYS 2425-Univ. Physics I**, CHEM 1411-Gen. Chem. I, BIOL 1406-Bio. for Science Majors I, GEOL 1401-Earth Sciences I, or ASTR 1403-Stars and Galaxies*	<u>4</u>
		<b>17</b>
THIRD SEMESTER		
GOVT 2305	American National Government	3
SOCIAL/BEHAV Core	ECON 2301-Macroeconomics or other Social Science core	3
Elective	MATH 2415-Calculus III*	4
2 <sup>nd</sup> LAB SCIENCE Core	PHYS 2426-Univ. Physics II, CHEM 1412-Gen. Chem. II, BIOL 1407-Bio. for Science Majors II, GEOL 1402-Earth Sciences II, or ASTR 1404-Solar System*	<u>4</u>
		<b>14</b>
FOURTH SEMESTER		
GOVT 2306	Texas Government	3
LANG/PHIL/CULTURE Core	PHIL 2306-Intro. to Ethics or other Lang/Phil/Culture core	3
SPCH 1311, 1315, or 1321	Intro. to Communication, Public Speaking, or Business and Professional Speech	3
Elective	MATH 2320-Differential Equations or MATH 2318-Linear Algebra*	<u>3</u>
		<b>12</b>
	<i>Total Credit Hours (apply for Graduation!)</i>	<b>60*</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 PHYS1401 or 2425. Some Math prerequisites may be satisfied by earning required scores on CLEP, AP, IB, ACT, or SAT. Until you have completed the Math prerequisites for this pathway you will be under an AA-Pre-STEM pathway major.

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## NCTC ASSOCIATE OF ARTS (AA) GENERAL STUDIES DEGREE SUGGESTED PATHWAY FOR MUSIC MAJORS (2022-2023)

The following is a recommended sequence of courses for students intending on majoring in a **Music field** at a Texas public university. The Associate of Arts (AA) 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 Arts 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 maps out 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
ENGL 1301	Composition I	3
EDUC 1300	Learning Frameworks	3
HIST 1301	U.S. History I ( <i>up to 1865</i> )	3
Elective	MUSI 1311-Music Theory I + MUSI-1116 Sight Singing & Ear Training I	4
Elective	MUAP Applied Music (MUAP 1200 Level Course)	2
Elective	MUSI 1181 or MUAP 1169 (Piano) + MUEN-1131 Wind Ens. or MUEN-1151 College Singers	<u>2</u>
		<b>17</b>
SECOND SEMESTER		
ENGL 1302 or 2311	Composition II or Technical Writing	3
HIST 1302 or 2301	U.S. History II ( <i>1865 to present</i> )	3
MATH Core	MATH 1332-Contemporary Math or other Math core	3
SOCIAL/BEHAV Core	PSYC 2301-Intro. to Psychology, SOCI 1301-Intro. to Sociology or other Social Science core	3
Elective	MUSI 1312-Music Theory II + MUSI-1117 Sight Singing & Ear Training II	4
Elective	MUAP Applied Music (MUAP 1200 Level Course)	2
Elective	MUSI 1182 or MUAP 1169 (Piano) + MUEN 1131-Wind Ens. or MUEN-1151 College Singers	<u>2</u>
		<b>20</b>
THIRD SEMESTER		
GOVT 2305	American National Government	3
1 <sup>st</sup> LAB SCIENCE Core	BIOL 1408, 1409, or 2406, CHEM 1406 or PHYS 1415, ASTR 1403 or 1404, GEOL 1401 or 1402, or HORT 1401 ( <i>options for non-Science majors</i> )	4
LANG/PHIL/CULTURE Core	HUMA 1301-Intro. to Humanities, PHIL 1301-Intro. to Philosophy or other LPC core	3
ARTS Core	Creative Arts core	3
Elective	MUSI 2311-Music Theory III + MUSI 2116-Sight Singing & Ear Training III	4
Elective	MUAP Applied Music (MUAP 1200 Level Course)	2
Elective	MUSI 2181 or MUAP 1169 (Piano) + MUEN 1131-Wind Ens. OR MUEN 1151-College Singers	<u>2</u>
		<b>21</b>
FOURTH SEMESTER		
GOVT 2306	Texas Government	3
SPCH 1311, 1315, or 1321	Intro. to Communication, Public Speaking, or Business and Prof. Speech	3
2 <sup>nd</sup> LAB SCIENCE Core	BIOL 1408, 1409, or 2406, CHEM 1406 or PHYS 1415, ASTR 1403 or 1404, GEOL 1401 or 1402, or HORT 1401 ( <i>options for non-Science majors</i> )	3
Elective	MUSI 2312-Music Theory IV + MUSI 2117-Sight Singing & Ear Training IV	4
Elective	MUAP Applied Music (MUAP 1200 Level Course)	2
Elective	MUSI 2182 or MUAP 1169 (Piano) + MUEN 1131-Wind Ens. OR MUEN 1151-College Singers	<u>2</u>
		<b>18</b>
	<i>Total Credit Hours (apply for Graduation!)</i>	<b>76*</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. Some universities may require 12-14 hours of a Foreign Language for Bachelor of Arts majors or proven language proficiency through credit by exam ([CLEP](#), [AP](#), [IBD](#)).

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## NCTC ASSOCIATE OF ARTS (AA) GENERAL STUDIES DEGREE SUGGESTED PATHWAY FOR PHILOSOPHY MAJORS (2022-2023)

The following is a recommended sequence of courses for students intending on majoring in a **Philosophy field** at a Texas public university. The Associate of Arts (AA) 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 Arts 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 maps out 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
ENGL 1301	Composition I	3
EDUC 1300	Learning Frameworks	3
MATH Core	MATH 1342-Elementary Statistics or other Math core	3
SOCIAL/BEHAV Core	PSYC 2301-Intro. to Psychology or other Social Science core	3
Elective	SPAN 1411 Foreign Language I or HUMA 1301-Intro. to Humanities*	3-4
		<b>15-16</b>
SECOND SEMESTER		
ENGL 1302 or 2311	Composition II or Technical Writing	3
HIST 1301	U.S. History I ( <i>up to 1865</i> )	3
1 <sup>st</sup> LAB SCIENCE Core	BIOL 1408, 1409, or 2406, CHEM 1406 or PHYS 1415, ASTR 1403 or 1404, GEOG 1401 or 1402, or HORT 1401 ( <i>options for non-Science majors</i> )	4
LANG/PHIL/CULTURE Core	PHIL 1301-Intro. to Philosophy	3
Elective	SPAN 1412 Foreign Language II or ARTS 1303-Art History I*	3-4
		<b>16-17</b>
THIRD SEMESTER		
GOVT 2305	American National Government	3
HIST 1302	U.S. History II ( <i>1865 to present</i> )	3-4
2 <sup>nd</sup> LAB SCIENCE Core	BIOL 1408, 1409, or 2406, CHEM 1406 or PHYS 1415, ASTR 1403 or 1404, GEOL 1401 or 1402, or HORT 1401 ( <i>options for non-Science majors</i> )	4
Elective	PHIL 2306-Intro. to Ethics*	3
Elective	SPAN 2311 Foreign Language III or ANTH 2351-Cultural Anthropology*	3-4
		<b>16-17</b>
FOURTH SEMESTER		
GOVT 2306	Texas Government	3
SPCH 1311, 1315, or 1321	Intro. to Communication, Public Speaking, or Business and Prof. Speech	3
ARTS Core	ARTS 1301-Art Appreciation or other Creative Arts core	3
Elective	PHIL 2303-Intro. to Logic*	3
Elective	SPAN 2312 Foreign Language IV or ENGL 2332-World Literature I*	3-4
		<b>15-16</b>
		<b>62-66*</b>
		<i>Total Credit Hours (apply for Graduation!)</i>

\*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. Some universities may require 12-14 hours of a Foreign Language for Bachelor of Arts majors or proven language proficiency through credit by exam ([CLEP](#), [AP](#), [IBD](#)).

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## NCTC ASSOCIATE OF ARTS (AA) GENERAL STUDIES DEGREE SUGGESTED PATHWAY FOR PRE-MED/PRE-DENTAL/PRE-PHARMACY MAJORS (2022-2023)

The following is a recommended sequence of courses for students intending on majoring in a **Pre-Med/Pre-Dental/Pre-Pharmacy field** at a Texas public university. The Associate of Arts (AA) 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 Arts 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 maps out 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
ENGL 1301	Composition I	3
EDUC 1300	Learning Frameworks	3
HIST 1301	U.S. History I ( <i>up to 1865</i> )	3
MATH Core	MATH 2413-Calculus I**	4
1 <sup>st</sup> LAB SCIENCE Core	BIOL 1406-Biology for Science Majors I	<u>4</u>
		<b>17</b>
SECOND SEMESTER		
ENGL 2311 or 1302	Technical Writing or Composition II	3
HIST 1302 or 2301	U.S. History II ( <i>1865 to present</i> ) or Texas History	3
ARTS Core	MUSI 1306 or other Creative Arts core	3
SOCIAL/BEHAV Core	ANTH 2346-General Anthropology or other Social Science core	3
2 <sup>nd</sup> LAB SCIENCE Core	BIOL 1407-Biology for Science Majors II	<u>4</u>
		<b>16</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
3 <sup>rd</sup> LAB SCIENCE	CHEM 1411-General Chem. I**	4
LANG/PHIL/CULTURE Core	PHIL 2306-Intro. to Ethics or other Lang/Phil/Culture core	3
Elective	CHEM 2423-Organic Chemistry I, BIOL 2401-Anat. and Phys. I, PHYS 1401-College Phys. I, or PHYS 2425-Engineering Phys. I**	<u>4</u>
		<b>17</b>
FOURTH SEMESTER		
GOVT 2306	Texas Government	3
4 <sup>th</sup> LAB SCIENCE	CHEM 1412-General Chem. II	4
Elective	MATH 1342-Elementary Statistics*	3
Elective	CHEM 2425-Organic Chemistry II, BIOL 2402-Anat. and Phys. II, PHYS 1402-College Phys. II or PHYS 2426-Engineering Phys. II*	<u>4</u>
		<b>14</b>
	<i>Total Credit Hours (apply for Graduation!)</i>	<b>64*</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 PHYS1401 or 2425. Some Math prerequisites may be satisfied by earning required scores on **CLEP, AP, IB, ACT, or SAT**.  
Until you have completed the Math prerequisites for this pathway you will be under an AA-Pre-STEM pathway major.

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## NCTC ASSOCIATE OF ARTS (AA) GENERAL STUDIES DEGREE SUGGESTED PATHWAY FOR PRE-STEM MAJORS (2022-2023)

The following is a recommended sequence of courses for students intending on majoring in a **Pre-STEM (Science, Technology, Engineering, Mathematics) field** at a Texas public university. The Associate of Arts (AA) 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 Arts 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 maps out 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
ENGL 1301	Composition I	3
EDUC 1300	Learning Frameworks	3
HIST 1301	U.S. History I ( <i>up to 1865</i> )	3
MATH Core	MATH 1314-College Algebra	3
1 <sup>st</sup> LAB SCIENCE Core	BIOL 1406-Biology for Science Majors I or BIOL 2401-Anat. and Phys. I*	<u>4</u>
		<b>16-17</b>
SECOND SEMESTER		
ENGL 2311 or 1302	Technical Writing or Composition II	3
HIST 1302 or 2301	U.S. History II ( <i>1865 to present</i> ) or Texas History	3
ARTS Core	MUSI 1306 or other Creative Arts core	3
2 <sup>nd</sup> MATH	MATH 2412-Pre-Calculus I or MATH 1316-Trigonometry**	3-4
2 <sup>nd</sup> LAB SCIENCE Core	BIOL 1407-Biology for Sci. Majors II, BIOL 2402-Anat. and Phys. II, or COSC 1436-Programming I*	<u>4</u>
		<b>17</b>
THIRD SEMESTER		
GOVT 2305	American National Government	3
SPCH 1311, 1315, 1321	Intro. to Communication, Public Speaking, or Business and Professional Speech	3
Elective	MATH 2413-Calculus I*	4
Elective	CHEM 1411-General Chem I, PHYS 1401-College Physics I or PHYS 2425-University Physics I**	4
LANG/PHIL/CULTURE Core	HUMA 1301-Intro. to Humanities or other Lang/Phil/Culture core	<u>3</u>
		<b>17</b>
FOURTH SEMESTER		
GOVT 2306	Texas Government	3
SOCIAL/BEHAV Core	ANTH 2346-General Anthropology or other Social Science core	3
Elective	CHEM 1412-Gen Chem II, PHYS 1402-College Phys II, PHYS 2426-University Phys II, or COSC 1437-Programming II*	4
Elective	MATH 1342-Stats., MATH 2414-Calc. II, COSC 2436-Prog. III, or COSC 2425-Comp. Org.*	<u>4</u>
		<b>14</b>
	<i>Total Credit Hours (apply for Graduation!)</i>	<b>64-65*</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 PHYS1401 or 2425. Some Math prerequisites may be satisfied by earning required scores on CLEP, AP, IB, ACT, or SAT. Once you have completed the relevant Math prerequisites in this pathway you can change to your STEM-related major.

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 WHAT CAN I DO WITH THIS MAJOR: <https://whatcanidowiththismajor.com/major/>  
 NORTH TEXAS COMMUNITY COLLEGE CONSORTIUM PATHWAYS: <http://ntxccc.org/content/transfer>



## NCTC ASSOCIATE OF ARTS (AA) GENERAL STUDIES DEGREE SUGGESTED PATHWAY FOR PSYCHOLOGY/SOCIAL WORK MAJORS (2022-2023)

The following is a recommended sequence of courses for students intending on majoring in a **Psychology or Social Work field** at a Texas public university. The Associate of Arts (AA) 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 Arts 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 maps out 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
ENGL 1301	Composition I	3
EDUC 1300	Learning Frameworks	3
MATH Core	MATH 1342-Elementary Statistics or other Math core	3
SOCIAL/BEHAV Core	PSYC 2301-Intro. to Psychology	3
Elective	SPAN 1411 Foreign Language I or SOCI 1301-Intro. to Sociology*	3-4
		<b>15-16</b>
SECOND SEMESTER		
ENGL 1302 or 2311	Composition II or Technical Writing	3
HIST 1301	U.S. History I ( <i>up to 1865</i> )	3
1 <sup>st</sup> LAB SCIENCE Core	BIOL 1408, 1409, or 2406, CHEM 1406 or PHYS 1415, ASTR 1403 or 1404, GEOG 1401 or 1402, or HORT 1401 ( <i>options for non-Science majors</i> )	4
Elective	PSYC 2314-Lifepsan Growth and Dev.*	3
Elective	SPAN 1412 Foreign Language II or SOCI 1306-Social Problems*	3-4
		<b>16-17</b>
THIRD SEMESTER		
GOVT 2305	American National Government	3
SPCH 1311, 1315, or 1321	Intro. to Communication, Public Speaking, or Business and Prof. Speech	3
2 <sup>nd</sup> LAB SCIENCE Core	BIOL 1408, 1409, or 2406, CHEM 1406 or PHYS 1415, ASTR 1403 or 1404, GEOL 1401 or 1402, or HORT 1401 ( <i>options for non-Science majors</i> )	4
HIST 1302	U.S. History II ( <i>1865 to present</i> )	3
LANG/PHIL/CULTURE Core	SPAN 2311 Foreign Language III or PHIL 2306-Intro. to Ethics or other Lang/Phil/Culture core*	3-4
		<b>16-17</b>
FOURTH SEMESTER		
GOVT 2306	Texas Government	3
ARTS Core	ARTS 1301-Art Appreciation or other Creative Arts core	3
Elective	PSYC 2320-Abnormal Psychology*	3
Elective	PSYC 2330-Biological Psychology*	3
Elective	SPAN 2312 Foreign Language IV or PSYC 2319-Social Psychology*	3-4
		<b>15-16</b>
<i>Total Credit Hours (apply for Graduation!)</i>		<b>62-66*</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. Some universities may require 12-14 hours of a Foreign Language for Bachelor of Arts majors or proven language proficiency through credit by exam ([CLEP](#), [AP](#), [IBD](#)).

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## NCTC ASSOCIATE OF ARTS (AA) GENERAL STUDIES DEGREE SUGGESTED PATHWAY FOR SOCIOLOGY MAJORS (2022-2023)

The following is a recommended sequence of courses for students intending on majoring in a **Sociology field** at a Texas public university. The Associate of Arts (AA) 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 Arts 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 maps out 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
ENGL 1301	Composition I	3
EDUC 1300	Learning Frameworks	3
MATH Core	MATH 1342-Elementary Statistics or other Math core	3
SOCIAL/BEHAV Core	SOCI 1301-Intro. to Sociology	3
Elective	SPAN 1411 Foreign Language I or PSYC 2301-Intro. to Psychology*	3-4
		<b>15-16</b>
SECOND SEMESTER		
ENGL 1302 or 2311	Composition II or Technical Writing	3
HIST 1301	U.S. History I ( <i>up to 1865</i> )	3
1 <sup>st</sup> LAB SCIENCE Core	BIOL 1408, 1409, or 2406, CHEM 1406 or PHYS 1415, ASTR 1403 or 1404, GEOG 1401 or 1402, or HORT 1401 ( <i>options for non-Science majors</i> )	4
Elective	SOCI 1306-Contemporary Social Problems*	3
Elective	SPAN 1412 Foreign Language II or ANTH 2351-Cultural Anthropology*	3-4
		<b>16-17</b>
THIRD SEMESTER		
GOVT 2305	American National Government	3
SPCH 1311, 1315, or 1321	Intro. to Communication, Public Speaking, or Business and Prof. Speech	3-4
2 <sup>nd</sup> LAB SCIENCE Core	BIOL 1408, 1409, or 2406, CHEM 1406 or PHYS 1415, ASTR 1403 or 1404, GEOL 1401 or 1402, or HORT 1401 ( <i>options for non-Science majors</i> )	4
HIST 1302 or 2301	U.S. History II ( <i>1865 to present</i> ) or Texas History	3
LANG/PHIL/CULTURE Core	SPAN 2311 Foreign Language III or PHIL 2306-Intro. to Ethics or other Lang/Phil/Culture core*	3-4
		<b>16-17</b>
FOURTH SEMESTER		
GOVT 2306	Texas Government	3
ARTS Core	ARTS 1301-Art Appreciation or other Creative Arts core	3
Elective	SOCI 2319-Minority Studies*	3
Elective	PHIL 2306-Intro. to Ethics*	3
Elective	SPAN 2312 Foreign Language IV or SOCI 2301-Marriage and Family*	3-4
		<b>15-16</b>
<i>Total Credit Hours (apply for Graduation!)</i>		<b>62-66*</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. Some universities may require 12-14 hours of a Foreign Language for Bachelor of Arts majors or proven language proficiency through credit by exam ([CLEP](#), [AP](#), [IBD](#)).

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## NCTC ASSOCIATE OF ARTS (AA) GENERAL STUDIES DEGREE SUGGESTED PATHWAY FOR VISUAL ARTS MAJORS (2022-2023)

The following is a recommended sequence of courses for students intending on majoring in a **Visual Arts field** at a Texas public university. The Associate of Arts (AA) 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 Arts 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 maps out 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
ENGL 1301	Composition I	3
EDUC 1300	Learning Frameworks	3
HIST 1301	U.S. History I ( <i>up to 1865</i> )	3
MATH Core	MATH 1332-Contemporary Math or other Math core	3
SOCIAL/BEHAV Core	SOCI 1301-Intro. to Sociology or other Social Science core	<u>3</u>
		<b>15</b>
SECOND SEMESTER		
ENGL 1302 or 2311	Composition II or Technical Writing	3
HIST 1302 or 2301	U.S. History II ( <i>1865 to present</i> )	3
LANG/PHIL/CULTURE Core	PHIL 1301-Intro. to Philosophy or other Lang/Phil/Culture core	3
1 <sup>st</sup> LAB SCIENCE Core	BIOL 1408, 1409, or 2406, CHEM 1406 or PHYS 1415, ASTR 1403 or 1404, GEOG 1401 or 1402, or HORT 1401 ( <i>options for non-Science majors</i> )	4
ARTS Core	ARTS 1301-Art Appreciation	<u>3</u>
		<b>16</b>
THIRD SEMESTER		
GOVT 2305	American National Government	3
2 <sup>nd</sup> LAB SCIENCE Core	BIOL 1408, 1409, or 2406, CHEM 1406 or PHYS 1415, ASTR 1403 or 1404, GEOL 1401 or 1402, or HORT 1401 ( <i>options for non-Science majors</i> )	4
Elective	ARTS 1316-Drawing I*	3
Elective	ARTS 1303-Art History I*	3
Elective	ARTS 1311-Design I or Foreign Language I*	<u>3-4</u>
		<b>16-17</b>
FOURTH SEMESTER		
GOVT 2306	Texas Government	3
SPCH 1311, 1315, or 1321	Intro. to Communication, Public Speaking, or Business and Prof. Speech	3
Elective	ARTS 1317-Drawing II*	3
Elective	ARTS 1304-Art History II*	3
Elective	ARTS 1312-Design II or Foreign Language II*	<u>3-4</u>
		<b>15-16</b>
Total Credit Hours ( <i>apply for Graduation!</i> )		<b>62-64*</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. Some universities may require 12-14 hours of a Foreign Language for Bachelor of Arts majors or proven language proficiency through credit by exam ([CLEP](#), [AP](#), [IBD](#)).

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## NCTC ASSOCIATE OF SCIENCE (AS) GENERAL STUDIES DEGREE SUGGESTED PATHWAY FOR BIOLOGY MAJORS (2022-2023)

The following is a recommended sequence of courses for students intending on majoring in a **Biology 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 maps out 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 <sup>st</sup> LAB SCIENCE Core	BIOL 1406-Biology for Science Majors I or BIOL 1411-Botany*	<u>4</u>
		<b>16-17</b>
SECOND SEMESTER		
ENGL 2311 or 1302	Technical Writing or Composition II	3
HIST 1302 or 2301	U.S. History II ( <i>1865 to present</i> ) or Texas History	3
ARTS Core	MUSI 1306 or other Creative Arts core	3
2 <sup>nd</sup> MATH	MATH 2413-Calculus I*	4
2 <sup>nd</sup> LAB SCIENCE Core	BIOL 1407-Biology for Science Majors II or BIOL 1413-Zoology*	<u>4</u>
		<b>17</b>
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	ANTH 2346-General Anthropology or other Social Science core	3
Elective	PHYS 1401-College Physics I or PHYS 2425-University Physics I**	4
3 <sup>rd</sup> LAB SCIENCE Core	CHEM 1411-General Chemistry I**	<u>4</u>
		<b>17</b>
FOURTH SEMESTER		
GOVT 2306	Texas Government	3
LANG/PHIL/CULTURE Core	HUMA 1301-Intro. to Humanities or other Lang/Phil/Culture core	3
Elective	PHYS 1402-College Physics II or PHYS 2426-University Physics II*	4
4 <sup>th</sup> LAB SCIENCE Core	CHEM 1412-General Chemistry II	<u>4</u>
		<b>14</b>
<i>Total Credit Hours (apply for Graduation!)</i>		<b>64-65*</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 PHYS1401 or 2425. Some Math prerequisites may be satisfied by earning required scores on **CLEP, AP, IB, ACT, or SAT**.

Until you have completed the Math prerequisites for this AS pathway you will be under an AA-Pre-STEM pathway major.

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## NCTC ASSOCIATE OF SCIENCE (AS) GENERAL STUDIES DEGREE SUGGESTED PATHWAY FOR CHEMISTRY MAJORS (2022-2023)

The following is a recommended sequence of courses for students intending on majoring in a **Chemistry 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 maps out 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 (up to 1865)	3
MATH Core	MATH 2413-Calculus I**	4
ENGL 1301	Composition I	3
1 <sup>st</sup> LAB SCIENCE Core	CHEM 1411-General Chemistry I*	<u>4</u>
		<b>17</b>
SECOND SEMESTER		
ENGL 2311 or 1302	Technical Writing or Composition II	3
HIST 1302 or 2301	U.S. History II (1865 to present) or Texas History	3
ARTS Core	MUSI 1306 or other Creative Arts core	3
2 <sup>nd</sup> MATH	MATH 2414-Calculus II*	3
2 <sup>nd</sup> LAB SCIENCE Core	CHEM 1412-General Chemistry II	<u>4</u>
		<b>16</b>
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	ANTH 2346-General Anthropology or other Social Science core	3
Elective	PHYS 1401-College Physics I or PHYS 2425-University Physics I**	4
3 <sup>rd</sup> LAB SCIENCE Core	CHEM 2423-Organic Chemistry I	<u>4</u>
		<b>17</b>
FOURTH SEMESTER		
GOVT 2306	Texas Government	3
LANG/PHIL/CULTURE Core	HUMA 1301-Intro. to Humanities or other Lang/Phil/Culture core	3
Elective	PHYS 1402-College Physics II or PHYS 2426-University Physics II*	4
4 <sup>th</sup> LAB SCIENCE Core	CHEM 2425-Organic Chemistry II	<u>4</u>
		<b>14</b>
	<i>Total Credit Hours (apply for Graduation!)</i>	<b>64*</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. Some Math prerequisites may be satisfied by earning required scores on CLEP, AP, IB, ACT, or SAT.

Until you have completed the Math prerequisites for this AS pathway you will be under an AA-Pre-STEM pathway major.

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## NCTC ASSOCIATE OF SCIENCE (AS) GENERAL STUDIES DEGREE SUGGESTED PATHWAY FOR PRE-VETERINARIAN MAJORS (2022-2023)

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 maps out 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>nd</sup> LAB SCIENCE Core	BIOL1406-Biology for Science Majors I or BIOL 1411-Botany*	<u>4</u>
		<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*	<u>4</u>
		<b>17-18</b>
THIRD SEMESTER		
GOVT 2305	American National Government	3
SPCH 1311, 1315, 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 Chem. I, or AGRI 1419-Animal Science*	<u>4</u>
		<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 Chem. II, BIOL 2420-Microbiology, or AGRI 1407-Agronomy	<u>4</u>
		<b>13</b>
<i>Total Credit Hours (apply for Graduation!)</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 PHYS1401 or 2425. Some Math prerequisites may be satisfied by earning required scores on **CLEP, AP, IBD, ACT, or SAT.**

Until you have completed the Math prerequisites for this AS pathway you will be under an AA-Pre-STEM pathway major.

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

**WHAT CAN I DO WITH THIS MAJOR: <https://whatcanidowiththismajor.com/major/>**

**NORTH TEXAS COMMUNITY COLLEGE CONSORTIUM PATHWAYS: <http://ntxccc.org/content/transfer>**