

Associate of Science (AS) (Biology)

EXPECTED DEGREE

AS in Biology (60 sch)

+ These courses are only offered in the semester indicated.

^Must meet placement criteria

PROGRAM DESCRIPTION and FACULTY

The A.S. degree in Biology is intended as the first 2 years toward a 4-year university degree in biology which can serve as the foundation to apply to a graduate program or professional school of medicine, dentistry, physical therapy or pharmacy.

Faculty Advisors: Dr. Elena Birdsong (ebirdsong@ntcc.edu), Dr. Kathy Carter (kcarter@ntcc.edu), Dr. Lesa Presley (lpresley@ntcc.edu), Professor Jim Ward (jward@ntcc.edu), Professor Stacie Yarbrough (syarbrough@ntcc.edu)

Division Chair: Dr. Mary Hearron (mhearron@ntcc.edu) 903-434-8296 CIP: 26 .0101 .00

RECOMMENDED COURSE SELECTION

Fall 1st Year	SCH	Semester Completed	Grade	Notes for Students:
BIOL 1406 - Gen Biology I	4			** Meet with faculty advisor or division chair
CHEM 1411 - Gen Chem I	4			
MATH 2413 - Calculus I ^	4			
ENGL 1301 - English Comp I	3			
Semester Credit Hours	15			
Spring 1st Year	SCH	Semester Completed	Grade	Notes for Students:
BIOL 1407 - Gen Biology II	4			** Meet with faculty advisor or division chair DO THIS: Schedule a campus tour with transfer university.
CHEM 1412 - Gen Chem II	4			
ENGL 2311 - Technical & Business Writing	3			
Am History I - Choose one from Core	3			
Semester Credit Hours	14			
Summer 1st Year	SCH	Semester Completed	Grade	Notes for Students:
Am History II - Choose one from Core	3			
SPCH 1315 or 1321	3			
Semester Credit Hours	6			
Fall 2nd Year	SCH	Semester Completed	Grade	Notes for Students:
CHEM 2423 - Organic Chemistry I +	4			** Meet with faculty advisor or division chair DO THIS: Confirm courses for completion of AS degree by meeting with a faculty advisor or division chair. DO THIS: Start applying for admission to transfer university, and send first official transcript to transfer university.
GOVT 2305 - Federal Government	3			
Social/Behavioral - Choose one from Core	3			
Approved Biology Concentration Elective	2			
Semester Credit Hours	12			
Spring 2nd Year	SCH	Semester Completed	Grade	Notes for Students:
CHEM 2425 - Organic Chemistry II +	4			** Meet with faculty advisor or division chair DO THIS: Apply for graduation for AS Biology DO THIS: Confirm admission to transfer university, and send final official transcript to transfer university at the end of semester.
GOVT 2306 - Texas Government	3			
Creative Arts - Choose one from Core	3			
Lang/Phil/Culture - Choose one from Core	3			
Semester Credit Hours	13			

Total Required Associate of Science in Biology = 60 Semester Credit Hours

Most universities require PHYS 1401 and 1402, but they are not required for the A.S. degree. It is recommended that PHYS 1401 and 1402 be taken during summer sessions.

CAREER OPPORTUNITIES - All data listed below incorporate Northeast Texas jobs and entry wages found on <http://www.texaswages.com/WDAWages>

Zoologist/Wildlife Biolog,

\$63,000

w/Bachelor's Degree

Biology Professor

\$88,000

w/Master's Degree

Dentist

\$183,000

w/Doctoral Degree