

# 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			
<b>Semester Credit Hours</b>	<b>15</b>			
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			
<b>Semester Credit Hours</b>	<b>14</b>			
Summer 1st Year	SCH	Semester Completed	Grade	Notes for Students:
Am History II - Choose one from Core	3			
SPCH 1315 or 1321	3			
<b>Semester Credit Hours</b>	<b>6</b>			
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			
<b>Semester Credit Hours</b>	<b>12</b>			
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			
<b>Semester Credit Hours</b>	<b>13</b>			

**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