

This Curriculum expires after six years.

Curriculum Sheet for 2019-2020 Catalog

Degree: **Bachelor of Science**  
 Major: **BIOLOGY**  
 Emphasis: **ORGANISMAL**

**UNIVERSITY CORE CURRICULUM**

		HR
_____	COMM 1311	3
_____	ENGL 1302	3
_____	See Catalog	3
_____	HIST 1301	3
_____	HIST 1302	3
_____	POLS 2305	3
_____	POLS 2306	3
_____	See Catalog	3
_____	See Catalog	3
_____	MATH 2413	(3)
_____	BIOL 1406	(3)
_____	BIOL 1407	(3)
_____	CHEM 1411	(3)
_____	CHEM 1412	(3)

**PREREQUISITES**

Varies, see catalog for pre-requisites

MATH 1314 & MATH 1316 or MATH 2312 or see catalog for placement criteria  
 MATH 1314 or see catalog for placement criteria  
 BIOL 1406  
 CHEM 1411 and MATH 1314 or see catalog for placement criteria

**First-Year Seminars / Professional Skills**

<b>Choose UCCP 1101/1102 or BIOL 2200</b>		
_____	UCCP 1101 & 1102	2
_____	BIOL 2200	2

**Biology Core**

_____	BIOL 1406	4
_____	BIOL 1407	4
_____	BIOL 2416	4
_____	BIOL 2421	4
_____	BIOL 2371	3
_____	BIOL 3428	4
_____	CHEM 1411	4
_____	CHEM 1412	4
_____	CHEM 3411	4
_____	CHEM 3412	4
_____	MATH 2413	4
_____	BIOL 4292	2

MATH 1314 or see catalog for placement criteria  
 BIOL 1406  
 BIOL 1406 w "C", 1407, CHEM 1411 & CHEM 1412  
 BIOL 1406 w "C", 1407, CHEM 1411 & CHEM 1412  
 BIOL 1407  
 BIOL 1407, CHEM 1411, BIOL 2200 or UCCP1101/1102 & pre/co- req MATH 2413  
 CHEM 1411 & MATH 1314 or see catalog for placement criteria  
 CHEM 1411  
 CHEM 3411  
 MATH 1314 & MATH 1316 or MATH 2312, or see catalog for placement criteria  
 BIOL 2200 or UCCP 1101/1102 & senior standing

**Math requirement - Choose one from the following:**

_____	MATH 1314	3
_____	MATH 1316	3
_____	MATH 2312	3
_____	MATH 2414	4
_____	MATH 3342	3

College Ready  
 MATH 1314 or see catalog for placement criteria  
 MATH 1314 or see catalog for placement criteria  
 MATH 2413  
 MATH 2413

**Chemistry of Life/Cell Biology Requirement - Choose one from the following:**

_____	BIOL 3403	4
_____	BIOL 3410	4
_____	CHEM 4401	4

BIOL 2416 & BIOL 2421  
 CHEM 3411 & BIOL 2416  
 CHEM 3412 & one year biology

**Form and Function requirement - Choose one from the following:**

_____	BIOL 3425	4
_____	BIOL 3430	4
_____	BIOL 3455	4

BIOL 1407  
 BIOL 1407  
 BIOL 1407

**Organismal Biology requirement - Choose one from the following:**

_____	BIOL 2472	4
_____	BIOL 3413	4
_____	BIOL 3414	4

BIOL 1407 & CHEM 1411  
 BIOL 1407  
 BIOL 1407

**ORGANISMAL - CHOOSE AN EMPHASIS: PLANT, ANIMAL, or BROAD**

<b>PLANT EMPHASIS</b>			
_____	BIOL 2472	4	BIOL 1407 & CHEM 1411
_____	BIOL 3455	4	BIOL 1407
_____	BIOL 3479	4	BIOL 1407
_____	BIOL 4422	4	BIOL 1407
Plant Emphasis Electives (see page 2)		22-23 hours	
<b>ANIMAL EMPHASIS</b>			
_____	BIOL 3413	4	BIOL 1407
_____	BIOL 3414	4	BIOL 1407
_____	BIOL 4411	4	BIOL 1407
Chose ONE of the following two courses:			
_____	BIOL 3425	4	BIOL 1407
_____	BIOL 3430	4	BIOL 1407
Animal Emphasis Electives (see page 2)		22-23 hours	
<b>BROAD EMPHASIS</b>			
_____	BIOL 2472	4	BIOL 1407
_____	BIOL 3413	4	BIOL 1407
_____	BIOL 3414	4	BIOL 1407
Chose ONE of the following three courses:			
_____	BIOL 3479	4	BIOL 1407
_____	BIOL 4411	4	BIOL 1407
_____	BIOL 4422	4	BIOL 1407
Broad Emphasis Electives (see page 2)		22-23 hours	

**University Requirements**

Minimum Total Hours for degree: 120  
 Upper Division minimum total hours: 45  
 Upper Division minimum residency hours: 36  
 Upper Division minimum major residency hours: 12

Minimum Major GPA: 2.50  
 Cumulative TAMUCC Minimum GPA: 2.00  
 Foreign Language Requirement: See catalog  
 First Year Seminar Requirement: UCCP 1101/1102