

Curriculum Sheet for 2018-2019 Catalog

This Curriculum expires after six years.

Degree: **Bachelor of Science**

Major: **BIOLOGY**

Emphasis **Marine Biology**

UNIVERSITY CORE CURRICULUM

		<u>HR</u>	<u>PREREQUISITES</u>
_____	COMM 1311	3	
_____	ENGL 1302	3	
_____	See Catalog	3	Varies, see catalog for pre-requisites
_____	HIST 1301	3	
_____	HIST 1302	3	
_____	POLS 2305	3	
_____	POLS 2306	3	
_____	See Catalog	3	
_____	See Catalog	3	
_____	MATH 2413	(3)	MATH 1314 & 1316, or MATH 2312, or placement
_____	BIOL 1406	(3)	MATH 1314 or placement beyond
_____	BIOL 1407	(3)	BIOL 1406
_____	CHEM 1411	(3)	
_____	CHEM 1412	(3)	CHEM 1411 and MATH 1314 or placement beyond

Note: Taking core curriculum courses other than those listed above will result in additional credit hours applying to your degree. Please consult your academic advisor for more details.

First-Year Seminars/ Professional Skills (2 credits required)

_____	UCCP 1101 & UCCP 1102	2	First-Year Seminar
_____	BIOL 2200	2	Professional Skills

Biology Core

_____	BIOL 1406	4	MATH 1314 or see catalog for placement criteria
_____	BIOL 1407	4	BIOL 1406
_____	BIOL 2416	4	BIOL 1406 w "C", 1407, CHEM 1411 & 1412
_____	BIOL 2421	4	BIOL 1406 w "C", 1407, CHEM 1411 & 1412
_____	BIOL 2371	3	BIOL 1407
_____	BIOL 3428	4	BIOL 1407, CHEM 1411, BIOL 2200 or UCCP1101/1102 & pre/co- req MATH 2413
_____	CHEM 1411	4	
_____	CHEM 1412	4	CHEM 1411 & MATH 1314 or placement beyond
_____	CHEM 3411	4	CHEM 1411
_____	CHEM 3412	4	CHEM 3411
_____	MATH 2413	4	MATH 1314 & 1316, or MATH 2312, or placement
_____	BIOL 4292	2	BIOL 2200 or UCCP 1101/1102 & senior standing

Math Requirement:

Choose one from the following:

_____	MATH 1314	3	College Ready
_____	MATH 1316	3	MATH 1314 or placement beyond
_____	MATH 2312	3	MATH 1314 or placement beyond
_____	MATH 2414	4	MATH 2413
_____	MATH 3342	3	MATH 2413

Chemistry of Life/Cell Biology Requirement:

Choose one from the following:

_____	BIOL 3403	4	BIOL 2416 & BIOL 2421
_____	BIOL 3410	4	CHEM 3411 & BIOL 2416
_____	CHEM 4401	4	CHEM 3412 & one year biology

Form and Function Requirement:

Choose one from the following:

_____	BIOL 3425	4	BIOL 1407
_____	BIOL 3430	4	BIOL 1407
_____	BIOL 3455	4	BIOL 1407

Organismal Requirement:

Choose one from the following:

_____	BIOL 2472	4	BIOL 1407 & CHEM 1411
_____	BIOL 3413	4	BIOL 1407
_____	BIOL 3414	4	BIOL 1407

Marine Biology Core Course:

_____	BIOL 4436	4	BIOL 3428
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Marine Organisms Requirement:

Select one from the following:

_____	BIOL 4319	3	BIOL 1407
_____	BIOL 4429	4	BIOL 1407
_____	BIOL 4432	4	BIOL 3414
_____	BIOL 4444	4	BIOL 3413

Human Impacts Requirement:

Select one from the following:

_____	BIOL 4328	4	BIOL 1407
_____	BIOL 4302	3	BIOL 3428
_____	BIOL 4323	3	BIOL 3428

MARINE BIOLOGY ELECTIVES: See elective list

18-21

University Requirements:

Minimum Total Hours for degree:	<u>120</u>	Cumulative TAMUCC Minimum GPA: 2.00
Upper Division minimum total hours:	<u>45</u>	Minimum Major GPA: 2.50
Upper Division minimum residency hours:	<u>36</u>	Foreign Language Requirement: See catalog
Upper Division minimum major residency hours:	<u>12</u>	First Year Seminar Requirement: UCCP 1101/1102