

# Texas A&M University–Corpus Christi

## Curriculum Sheet for 2020–2021 Catalog

This Curriculum **EXPIRES**  
August 2026

Degree: Bachelor of Science  
Major: Biomedical Sciences  
Emphasis: Forensic Science

**IMPORTANT NOTE:** After sophomore year, students must have & maintain a cum GPA of 2.5 or above, with no course older than 5 years old. No "D" will be accepted as credit within the Biomedical Sciences core or option courses.

### UNIVERSITY CORE CURRICULUM

<u>UNIVERSITY CORE CURRICULUM</u>	COMMUNICATION 6 HOURS REQUIRED	<u>SCH</u>
<u>COMM 1311</u>	Foundation of Communication	<u>6</u>
<u>ENGL 1301</u>	Composition I	
<u>ENGL 1302</u>	Eng. Composition	
<u>MATH 2413</u>	Calculus I	(3)
<u>BIOL 1406</u>	Biology I	(3)
<u>BIOL 1407</u>	Biology II	(3)
<u>See Catalog</u>	Language, Philosophy, and Culture	<u>3</u>
<u>HIST 1301</u>	AMERICAN HISTORY 6 HOURS REQUIRED	<u>6</u>
<u>HIST 1302</u>	US History to 1865	
<u>HIST 2301</u>	US History Since 1865	
<u>POLS 2305</u>	Texas History	
<u>POLS 2306</u>	US Government and Politics	<u>3</u>
<u>See Catalog</u>	State and Local Government	<u>3</u>
<u>PSYC 2301</u>	Creative Arts	<u>3</u>
<u>Component Area Option</u>	Social and Behavioral Science	<u>3</u>
<u>Component Area Option</u>	General Chemistry I (example)	<u>3</u>
	General Chemistry II ( example)	<u>3</u>

### PREREQUISITES

6

(3) See catalog for pre-requisite courses

### FIRST-YEAR SEMINARS/ PROFESSIONAL SKILLS

<u>UNIV 1101 &amp; UNIV 1102 or</u>	First-Year Seminar	<u>2</u>
<u>BIMS 2200</u>	Professional Skills	<u>2</u>

### BIOMEDICAL SCIENCES CORE

<u>BIOL 1406</u>	Biology I	<u>4</u>
<u>BIOL 1407</u>	Biology II	<u>4</u>
<u>BIOL 2416</u>	Genetics	<u>4</u>
<u>BIOL 2421</u>	Microbiology	<u>4</u>
<u>CHEM 1411</u>	General Chemistry I	<u>4</u>
<u>CHEM 1412</u>	General Chemistry II	<u>4</u>
<u>CHEM 3411</u>	Organic Chemistry I	<u>4</u>

[SAT scores of 520 (math), 500 (reading) or ACT 21 (math, English, and Reading)] OR [completion of MATH 1314 (or equivalent)] OR completion of Pre-calculus in high school

BIOL 1406  
BIOL 1406 w/ Grade "C" or higher, BIOL 1407, CHEM 1412  
BIOL 1406 w/ Grade "C" or higher, BIOL 1407, CHEM 1412

CHEM 1411  
CHEM 1411

### FORENSIC SCIENCE REQUIRED CLASSES

<u>CLSC 3200</u>	Essential for Applied LS (FL)	<u>2</u>
<u>BIMS 3103</u>	Essentials Lab Forensi Sci (FL)	<u>1</u>
<u>BIMS 3320</u>	Survey of Forensic Science (FL)	<u>3</u>
<u>BIMS 3325</u>	Professional Practice in Forensic Sci (SP)	<u>3</u>
<u>BIMS 4340</u>	Forensic Science in Criminal Law (SP)	<u>3</u>
<u>CHEM 3412</u>	Organic Chemistry II	<u>4</u>
<u>CHEM 3418</u>	Instrumental Analysis	<u>4</u>
<u>CRIJ 4340</u>	Criminal Investigation (SP)	<u>3</u>
<u>MATH 2413</u>	Calculus I	<u>4</u>
<u>PHYS 2425 OR</u>	University Physics I (Preferred)	<u>4</u>
<u>PHYS 1401</u>	General Physics I	<u>4</u>
<u>PHYS 2426 OR</u>	University Physics II (Preferred)	<u>4</u>
<u>PHYS 1402</u>	General Physics II	<u>4</u>

BIOL 1407 and CHEM 1412  
Prerequisite or Co-requisite: CLSC 3200

BIMS 3320  
BIMS 3320  
CHEM 3411  
CHEM 1412

MATH 2312 or MATH 1314 and MATH 1316  
MATH 2413 or placement beyond MATH 2413  
MATH 1314 or ~  
PHYS 2425 and MATH 2414  
PHYS 1401 or PHYS 2425 and MATH 1314 or ~

### CHOOSE ONE FROM THE FOLLOWING:

<u>MATH 1442 or</u>	Statistics for Life (4)	<u>4</u>
<u>MATH 3342</u>	Applied Probability & Statistics (3)	<u>3</u>

MATH 0300 or TSI READY  
MATH 2413

### CHOOSE ONE FROM THE FOLLOWING:

<u>BIMS 3403</u>	Molecular Biology	<u>4</u>
<u>BIOL 3410</u>	Cell Biology	<u>4</u>
<u>CHEM 3417</u>	Quantitative Analysis	<u>4</u>
<u>CHEM 4401</u>	Biochemistry I	<u>4</u>
<u>CHEM 4407</u>	Adv. Inorganic Chemistry	<u>4</u>
<u>MATH 2414</u>	Calculus II	<u>4</u>

BIOL 2416 and BIOL 2421  
BIOL 2416 and CHEM 3411  
CHEM 1412  
CHEM 3412 and one year Biology  
CHEM 3412 (Physical Chemistry recommended)  
MATH 2413

### Forensic Track Electives

<u>BIMS 4085</u>	18-19 TRACK ELECTIVES Major Field Test in Biology	<u>0</u>
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Senior Standing

### University, College and Major Requirements

Minimum Total Hours for degree: 120  
Upper Division minimum total hours: 45  
Upper Division minimum residency hours: 36  
Cumulative TAMU-CC minimum GPA 2.5

Minimum Major GPA 2.25  
Minimum Science or Math Grade "C"  
Foreign Language Requirement: see catalog