

This plan EXPIRES after 6 years

Curriculum Sheet for 2020-2021 Catalog

Degree: **Bachelor of Science**
 Major: **Clinical Laboratory Science (CLSC)**

UNIVERSITY CORE CURRICULUM (Common across majors)

COMM 1311	Foundations of Communication
ENGL1301	Composition I
ENGL 1302	Writing and Rhetoric
See Catalog	Language, Philosophy & Culture
HIST 1301	US History I
HIST 1302	US History II
POLS 2305	US GOVT
POLS 2306	TX GOVT
See Catalog	Fine Arts
See Catalog	Social Science

SCH PREREQUISITES

3	
3	
3	ENGL 1301
3	varies
3	n/a *may take HIST 3331 for one history course
3	n/a
3	n/a
3	n/a
3	n/a
3	varies

*6 hours required

UNIVERSITY CORE CURRICULUM SPECIFIC FOR MAJOR

MATH 1442	Statistics for Life (4)
BIOL 1406	Biology I
BIOL 1407	Biology II
CAO Option 1	labs from BIOL 1406, 1407, MATH 1442
CAO Option 2	CHEM 1411 or CHEM 1412 lecture

(3)	
(4)	Placement beyond College Algebra,
(4)	BIOL 1406
(-3)	varies
(-3)	

Clinical Laboratory Science Core

40 SCH	
BIOL 1406	Biology I
BIOL 1407	Biology II
BIOL 2416	Genetics
BIOL 2421	Microbiology
CHEM 1411	Gen. Chemistry I
CHEM 1412	Gen. Chemistry II
*CHEM 3411	Organic Chemistry 1
*BIMS 4406	Immunology (4) SP
*CHEM 4401	Biochemistry I (4)
MATH 1442	Statistics for Life (4)

SCH

4	CHECK MATH SCORES/ COLLEGE ALGEBRA
4	BIOL 1406
4	BIOL 1406/1407 & CHEM 1411/ CHEM 1412
4	BIOL 1406/1407 & CHEM 1411/ CHEM 1412
4	Placement beyond College Algebra,
4	CHEM 1411
4	CHEM 1411
4	BIOL 2421
4	CHEM 3412
4	College algebra or College Ready

Required Foundation Courses

MATH 1442	Statistics for Life 4
BIMS 4406	Immunology (OFFERED IN SPRING) 4
CHEM 4401	Biochemistry 4

Pre-CLS Courses- Clinical portion

44 SCH	
**CLSC 3200	Essentials for Applied LS (FL)
**CLSC 3102	Essentials for CLS (1) FL
**CLSC 4182	Seminar-Clinical Correlations(SS)
**CLSC 4200	Professional Skills for CLS (SS)
**CLSC 4297	Professional Practicum I (SP)
**CLSC 4325	Clinical Chemistry I (FL)
**CLSC 4326	Clinical Chemistry II (SP)
**CLSC 4370	Clinical Microbiology I (FL)
**CLSC 4371	Clinical Microbiology II (SP)
**CLSC 4380	Intro to Clinical Lab Profession (SP)
**CLSC 4382	Adv. Med. Lab Procedures for CLS (SP)
**CLSC 4420	Hematology (FL)
**CLSC 4430	Clinical Immunology I (FL)
**CLSC 4598	Professional Practicum II (SS)
**CLSC 4599	Professional Practicum III (SS)

2	BIOL 1407 AND CHEM 1412
1	SMTE
1	PRI AND APPLICATION/ SSII ONLY
2	PRI AND APPLICATION/ SSI ONLY
2	SPRING SEMESTER
3	CHEM 4401/ CO-REQ SMTE 0092
3	CLSC 4325/ PRI/ SPRING SEMESTER
3	BIOL 2421/ SMTE 0092/ FALL SEMESTER
3	CLSC 4370/ SMTE 0092/ SPRING SEMESTER
3	CHEM 4401
3	CLSC 4325, BIMS 4406, CHEM 4401, SPRING
4	BIOL 2416, CHEM 4401, SMTE 0092/ FALL
4	BIMS 4406, SMTE 0092/ FALL ONLY
5	PRI/ CLSC 4297/ SSI ONLY
5	PRI/ CLSC 4598, SSII ONLY

GENERAL ELECTIV CHEM 3412 Organic Chemistry II, req for CHEM 4401
Elective to reach 120 (3-6)

4	CHEM 3411
3	

University, College and Major Requirements

Minimum Total Hours for degree:	120
*Upper Division minimum total hours:	45
Minimum Science or Math Grade	"C"
*Upper Division minimum residency hours:	36
*Upper Division minimum major residency hrs:	12
Cumulative TAMU-CC minimum g.p.a.:	2.5
Foreign Language Requirement:	see catalog

2.25

Please see the notes section of the catalog, regarding admission, progression, and other No Science or Math course older than 5 yrs
 Classes with ** require 2.7 GPA for admission
 First Year Seminar Requirement: UNIV 1101/ UNIV 1102