

## Curriculum Sheet for 2018 Catalog

Degree: **Post-Bacc Certification**  
 Major: **Clinical Laboratory Science (CLS)**

### **BIOMEDICAL SCIENCES PREREQU** 28 SCH

_____	BIOL 1406	<u>Biology I</u>
_____	BIOL 1407	<u>Biology II</u>
_____	BIOL 2416	<u>Genetics</u>
_____	BIOL 2421	<u>Microbiology</u>
_____	CHEM 1411	<u>Gen. Chemistry I</u>
_____	CHEM 1412	<u>Gen. Chemistry II</u>
_____	*CHEM 3411	<u>Organic Chemistry I</u>
_____	*CHEM 3412	<u>Organic Chemistry II</u>
_____	*BIMS 4406	<u>Immunology (4) SP</u>
_____	*CHEM 4401	<u>Biochemistry I (4)</u>
_____	MATH 1442	<u>Statistics for Life (4)</u>

### **SCH**

<u>4</u>	Placement beyond College Algebra,
<u>4</u>	BIOL 1406
<u>4</u>	BIOL 1406 Grade "C",BIOL 1407,CHEM 1411,CHEM 1412
<u>4</u>	BIOL 1406 Grade "C",BIOL 1407,CHEM 1411,CHEM 1412
<u>4</u>	
<u>4</u>	Chem 1411 and College algebra or ~
<u>4</u>	CHEM 1411
<u>4</u>	CHEM 1412
<u>4</u>	BIOL 2421
<u>4</u>	CHEM 3412 and 1 year biology
<u>4</u>	Math 0399, or 0300 or placement beyond

Admission to the Clinical portion of Certification is competitive

### **Pre-CLS Courses- Clinical portion** 44 SCH

_____	**CLSC 3200	<u>Essentials for Applied LS (FL)</u>	<u>2</u>	BIOL 1407, CHEM 1412
_____	**CLSC 3102	<u>Essentials for CLS (1) FL</u>	<u>1</u>	Pre-Co = BIMS 3200
_____	**CLSC 4182	<u>Seminar-Clinical Correlations(SS)</u>	<u>1</u>	Permission of Instructor
_____	**CLSC 4200	<u>Professional Skills for CLS (SS)</u>	<u>2</u>	Permission of Instructor
_____	**CLSC 4297	<u>Professional Practicum I (SP)</u>	<u>2</u>	Permission of Instructor
_____	**CLSC 4325	<u>Clinical Chemistry I (FL)</u>	<u>3</u>	CHEM 4401
_____	**CLSC 4326	<u>Clinical Chemistry II (SP)</u>	<u>3</u>	BIMS 4325
_____	**CLSC 4370	<u>Clinical Microbiology I (FL)</u>	<u>3</u>	BIOL 2421
_____	**CLSC 4371	<u>Clinical Microbiology II (SP)</u>	<u>3</u>	BIOL 2421
_____	**CLSC 4380	<u>Intro to Clinical Lab Profession (SP)</u>	<u>3</u>	BIMS 3200,CHEM 4401, MATH 1442
_____	**CLSC 4382	<u>Adv. Med. lab Procedures for CLS (SP)</u>	<u>3</u>	BIMS 4406, BIMS 4325, CHEM 4401
_____	**CLSC 4420	<u>Hematology (FL)</u>	<u>4</u>	BIOL 2416, CHEM 4401
_____	**CLSC 4430	<u>Clinical Immunology I (FL)</u>	<u>4</u>	BIMS 4406 or BIOL 4406
_____	**CLSC 4598	<u>Professional Practicum II (SS)</u>	<u>5</u>	Permission of Instructor
_____	**CLSC 4599	<u>Professional Practicum III (SS)</u>	<u>5</u>	Permission of Instructor

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9-Mar

**CHEM 3412 Organic CHEM II if CHEM 4401 at tamu CHEM 3412,**

Please see the notes section of the catalog, regarding admission, progression, and other eligibility and compliance requirements