

**Clinical Laboratory Science (CLS-BSAS)
Curriculum
FALL – 1**

Courses	Semester Hrs.
CLTC 1501 & 1501L: Introduction to Clinical Laboratory Science and Laboratory	2+1
CHEM 1515 & 1515L: General Chemistry 1 with Laboratory	4
BIOL 2601 & 2601L: Principles of Biology 1 with Laboratory	4
ENGL 1550: Writing 1	3
Society Institutions Elective.	3
	17

SPRING – 1	Semester Hrs.
CHEM 1516 & 1516L: General Chemistry 2 with Laboratory	4
BIOL 2602 & 2602 L: Principles of Biology 2 with Laboratory	4
ENGL 1551: Writing 2	3
Artistic & Literary Perspective elective	3
	14

FALL – 2

Courses	Semester Hrs.
CHEM 3719 & 3719L: Organic Chemistry 1 with Laboratory	4
BIOL 3702: Microbiology with Laboratory	4
CMST 1545: Communication Theory & Practice	3
MATH 2625: Mathematical Literacy and Critical Reasoning	3
Social & Personal Responsibility elective	3
	17

SPRING – 2

Courses	Semester Hrs.
CHEM 3720 & 3720 L: Organic Chemistry 2 with Laboratory	4
Artistic & Literary Perspective elective	3
Social & Personal Responsibility elective	3
BIOL 1545: Allied Health Anatomy & Physiology	5
	15

FALL – 3

Courses	Semester Hrs.
CLTC 3700 & 3700L: Clinical Chemistry 2 and Laboratory	3+1
CLTC 3729 & 3729L: Clinical Hematology and Laboratory	3+2
CLTC 3787 & 3787L: Diagnostic Microbiology and Laboratory	3+2
CHEM 3785 & 3785L: Biochemistry 1 with Laboratory	4
	18

SPRING – 3

Courses	Semester Hrs.
CLTC 3703 & 3703L: Clinical Immunology & Laboratory	3+1
Two Society & Institutions electives	6
BIOL 3711: Cell Biology	3
	13

Clinical Laboratory Science (CLS-BSAS)

	SUMMER – 3	Semester Hrs.
Courses		
CLTEC 4811: Clinical Experience 1		12
	FALL – 4	Semester Hrs.
Courses		
CLTEC 4821: Clinical Experience 2		12
	SPRING – 4	Semester Hrs.
Courses		
CLTEC 4831: Clinical Experience 3		12
Total Program Hours	124-126	

CLS Internship Guidelines

Students should apply for clinical internship upon completion of the second year of the program or after completing approximately 60-65 semester hours. Application packets containing information on clinical affiliations and the application process are available from the program director or in the Department of Health Professions. Students should apply for graduation at the beginning of the junior year so that their transcripts may be evaluated by an academic advisor in the Bitonte College of Health and Human Services. This will help ensure that all of the requirements for internship and graduation have been fulfilled. The University **does not** guarantee acceptance into the fourth year of hospital clinical internship. Selection and acceptance into a particular hospital program is based on that program's admission and selection process. Thus, students are selected by the hospital programs, which are very competitive. Students are urged to maintain a minimum 3.0 GPA, especially in all science and clinical laboratory courses. To enhance their chances of acceptance into clinical internship, students are encouraged to apply to several accredited programs. A list of these programs is available through the program director. Students should notify the program director upon their acceptance by a professional program.