

Bachelor of Science in Biology

Clinical Lab Science



**Biological, Environmental,
and Earth Sciences**

University of South Carolina Aiken

First Year

1st Semester (14hrs)			2nd Semester (16hrs)		
Course	Title	hrs	Course	Title	hrs
ENGL A101*	Composition	3	ENGL A102*	Composition and Literature	3
MATH A111*	Pre-calculus	3	BIOL A121/122*	Introductory Biology	4
CHEM A111*	General Chemistry	4	CHEM A112*	General Chemistry	4
BIOL A121/122*	Introductory Biology	4	MATH A122	Survey of Calculus	3
				Free Elective	2

Second Year

1st Semester(15-16hrs)			2nd Semester (14-15hrs)		
Course	Title	hrs	Course	Title	hrs
BIOL A350*	Genetics	3-4	BIOL A550*	Immunology	3-4
COMM A201/241	Communications	3	BIOL A330*	Microbiology	3
POLI A201, HIST A201 or HIST A202	Am. Pol. Institutions	3	BIOL A244	Anatomy & Physiology	3
BIOL A243	Anatomy & Physiology	4	CHEM A311/331L	Organic Chemistry	4
PSY, SOC, ECON A221/222 or GEOG	Social/Behavioral Sciences	3		Free Elective	2

Third Year

1st Semester (15hrs)			2nd Semester (15hrs)		
Course	Title	hrs	Course	Title	hrs
BIOL A302, A340, or A502*	Cell/Molecular Biology	3-4	BIOL A405*	Biostatistics	3
BIOL A541*	Biochemistry	4	HIST A101/102	Global Cultures	3
	Humanities	3		Free Elective	3
	Free Elective	3		Free Elective	3
	Free Elective	2		Humanities	3

Fourth Year

1st Semester (14hrs)			2nd Semester (16hrs)		
Course	Title	hrs	Course	Title	hrs
BIOL A441	Intro to Clin. Lab Science	1	BIOL A 451	Lab Operations	2
BIOL A442	Clinical Immunology	3	BIOL A452	Clinical Chemistry	4
BIOL A443	Clinical Hematology	4	BIOL A 453	Clinical Microbiology	6
BIOL A444	ImmunoHematology	4		Free elective	4
BIOL A445	Urinalysis	2			

*Must earn a C or better