

Bachelor of Science in Biology

Cellular and Molecular



**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(16-17hrs)			2nd Semester (13-14hrs)		
Course	Title	hrs	Course	Title	hrs
BIOL A350/352*	Genetics	3-4	BIOL A370/335*	Ecology	3-4
COMM A201/241	Communications	3	BIOL A318/375*	Evolution	3
POLI A201, HIST A201 or HIST A202	Am. Pol. Institutions	3		College Elective	3
	College Elective	3		Cognate II	4
	Cognate I	4			
				Must complete 30 hours (F+S)	

Third Year

1st Semester (14hrs)			2nd Semester (16hrs)		
Course	Title	hrs	Course	Title	hrs
BIOL A405*	Biostatistics	3	BIOL A302, 325, 340, 367, 412*	Cell/Molecular Biology	4
BIOL A312, 314, 316, 320, 330, 336*	Organismal Biology	4	BIOL A312, 314, 360, 365, 390*	Integrated Systems	4
HIST A101/102	Global Cultures	3		Humanities	3
	Cognate III	4		College Elective	3
				Free Elective	2

Fourth Year

1st Semester (15-17hrs)			2nd Semester (13-14hrs)		
Course	Title	hrs	Course	Title	hrs
BIOL A502, 510, 541 or 550*	Cell/Molecular Biology	3-4	BIOL A502, 510, 541 or 550*	Cell/Molecular Biology	3-4
BIOL A302, 325, 340, 367, 412*	Cell/Molecular Biology	3-4	BIOL A499&400 or A498*	Biology Capstone	4
PSY, SOC, ECON A221/222 or GEOG	Social/Behavioral Sciences	3		Humanities	3
	College Elective	3		Free elective	3
	Free Elective	3			

***Must earn a C or better**