



CLARK ATLANTA
UNIVERSITY

Student's Name: _____

SCHOOL OF ARTS & SCIENCE
Department of Biological Sciences

Undergraduate Advisement Form

B.S. Degree in Biological Sciences Teacher Certificate

Date of Initial Registration: _____

This form should be consulted and revised during registration advisement each semester.

Freshman Year– 1st Semester 16 hrs.	Sem Com p.	Grade Rcvd .	Second Semester: 16 hrs.	Sem. Com p.	Grad e Rcvd .
**CBIO 111 General Biology 1 (4)	4		CBIO 112 General Biology II (4)	4	
CCHE 111 General Chemistry 1(4)	4		CCHE 112 General Chemistry (4)	4	
AREA C: CMAT 107 Pre-Calculus II (4)	4		AREA C: CMAT 113 Calculus	4	
CGED 100 First-Year Seminar 1 (1)	1		CGED 101 First-Year Seminar II (1)	1	
AREA D: CENG 105 English Composition I Grammar (3)	3		AREA D: CENG 106 English Composition II – Writing & Research (3)	3	
Sophomore Year 1st Semester 15 hrs.			Second Semester: 17 hrs.		
CBIO 233 Microbiology & Microbial Genomics (4)	4		AREA E: CEDC 262 Educational Technology (3)	3	
CCHE 231 Organic Chemistry 1 (4)	4		CCHE 232 Organic Chemistry II (4)	4	
AREA A: CHUM 228/238 or CART 150; CMUS 120; (3)	3		CEDF 211 Foundations of Education (3)	3	
AREA B: CSCJ 215 Intro to Sociology or CSCJ 216 Intro to Anthropology; or CSCJ 218 Contemporary Social Problems (3)	3		AREA D: CENG 201/201 English Literature (3)	3	
CBIO 499 Sp. Topics Biosciences Career Path (1)	1		AREA E: CCIS 253 Intro to Comp. Sim/Analysis (4)	4	
Junior Year 1st Semester 15 hrs.			Junior Year Second Semester: 16 hrs.		
CBIO 375 Cell and Molecular Biology (3)	3		CBIO 312 Genetics (3)	3	
CPHY 111 General and Modern Physics I & Lab	4		CPHY 112 General and Modern Physics II & Lab	4	
CBIO 480/481/482 Biology Research/Internship (strong summer internship advisory) (3+1)	4		CBIO 390 Intro Biochemistry	3	
CBIO 331 Plant Biology & Physiology (4)	4		AREA B: CPSY 301 Educational Psychology (3)	3	
			CEDS 425 Introduction to Exceptional Education (3)	3	
Senior Year - 1st Semester 15 hrs.					
CBIO 478 - Cell Biology Lab (<i>Methods in Biotechnology</i>) (3)	3		Senior Year Second Semester: 12 hrs.		
CECE 316 Practicum: Observing and working with groups (3.0)	3		CECE 444 or Pre-Service Student Teaching/ Internship (13)	12	
CEDC 430 Methods of Teaching Science (3)	3				
CEDC 408 Multicultural & Global Education (3)	3				
CEDC 426 WE Methods of Science...High School Curriculum and Methods in Biology (3)	3				

Student's Signature

Date

Advisor's Signature

Date

Department Chair

Date

Summary of discipline and cognate courses

Major courses & teacher certification (required): 64 credit hours

Biology Major courses (required): 33 credit hours

Teacher certification (required): 30 credit hours

Major related courses (cognates): 24 credit hours

General Education Requirements: Minimum 30 credit hours; maximum 36 credit hours

General Education required credit hours: 35

Credit hours of free electives: 0

Total Credit Hours 122 (Minimum, but due to specialized teacher competency, students may decide to take more than the 122 credit hours generally accepted for the BS; includes First Year Orientation (2 cr.)

General Education Requirements (list under each area specific general education courses required by the department based on the norm in your discipline).

- A. Humanities/Fine Arts; 3
At least one course from this area (3)
- B. Social/Behavioral Sciences; 6
At least one course from this area (3)
- C. Natural Science/Mathematics/Statistics 8**
At least one course from this area (3-4)
- D. Communication 9
At least one course from this area (3)
- E. Financial/Technological 7
At least one course from this area (3)

Area (Credit Hours 3-9 in each area)	Department Required General Education Courses	Department Recommended General Education Courses
A. Humanities/Fine Arts (3)	Select one course from this area	CHUM 228, CHUM 238, CART 150 Art Appreciation
B. Social/Behavioral Sciences (6)	CPYS 301 (3) plus additional one course from this area	CSCJ 215 Intro to Sociology, or CSCJ 216 Intro to Anthropology; or CSCJ 218 Contemporary Social Problems
C. Natural Science/Mathematics/Statistics (8) <i>**CBIO 111 General Biology I, a cognate Biology also counts for Gen Ed competency</i>	CMAT 107 (4) & CMAT 113 Calculus (4)	
D. Communication (9)	CENG 105 & 106 English Composition (6) CENG 201 or 202 English Literature (3)	
E. Financial/Technological (7) <i>(CEDC 262 also serves as Teacher Certification cognate and Gen Ed competency)</i>	CEDC 262 Educational Technology (3) CCIS 253 Intro to Comp. Sim/Analysis (4)	

Number of additional credit hours student will need to meet General Education Requirement: 0