

**Bachelor of Science in Computer Science
Program Sheet
2017-2018**

Curriculum	Hours	Total Hours	
Area A: (Take all of the following course)			
ENGL 1101	3	9	
ENGL 1102	3		
MATH 1113 (Three hours count in Area A – One hour counts in Area F)	4*		
Area B: (Take one of the following courses)			
Oral Communications: ART 2000; COMM 1110; ENGL 2000, 2050; THEA 2050; PHIL 2020; XIDS 1004; Foreign Language 1001, 1002	3 or 4	4 or 5	
Other: ANTH 1100; BUSA 1900; CS 1000, 1020; LIBR 1101; MUSC 1110; XIDS 2001, 2002	0 or 1		
Area C: (Take one of the following courses)			
XIDS 2100; ART 1201, 2201, 2202; ENGL 2060; FILM 2080; MUSC 1100, 1120; THEA 1100	3	6	
Take one (Must be different subject area from above): XIDS 2100; COMM 1154; ENGL 2110, 2120, 2130, 2180, 2190; FORL 1001, 1002, 2001, 2002, 2200, 2300; PHIL 2010, 2030	3		
Area D: (Take one of the following course)			
MATH 1634: Calculus I (Three hours count in Area D – One hour counts in Area F)	4*	11	
Take any two from the following (with lab component): BIOL 1107+1107L, BIOL 1108+1108L, CHEM 1211+1211L, CHEM 1212+1212, PHYS 2211+2211L, PHYS 2212+2212L	8		
Area E: (Take one of the following course)			
HIST 1111 or HIST 1112	3	12	
HIST 2111 or HIST 2112	3		
The following is required: POLS 1101	3		
One Required from the following: ANTH 1102; ECON 2100, 2105, 2106; GEOG 1013, 2503; PHIL 2130; POLS 2201; PSYC 1101; SOCI 1101, 1160; XIDS 2300, 2301	3		
Area F: (Take all of the following courses)			
CS 1301: Computer Science I	4	18	
CS 1302: Computer Science II	4		
CS 2100: Introduction to Web Development	3		
MATH 1113: Pre-calculus (from Area A)	1*		
MATH 1634: Calculus I (from Area D)	1*		
MATH 2853: Elementary Linear Algebra	3		
MATH 2063: Introductory Statistics (2 of 3)	2		
SUPPORTING: (Take all of the following courses)			
ENGL 3405: Professional and Technical Writing	3	11	
MATH 2063 (From Area F)(1 of 3)	1		
MATH 3003: Transition to Advanced Mathematics	3		
Select one not taken in Area D from the following: BIOL 1107+1107L, CHEM 1211+1211L, PHYS 2211+2211L	4		
PROGRAM BODY: (Take all of the following courses)			
CS 3110: System Architecture	3	47	
CS 3151: Data Structures and Discrete Mathematics I	4		
CS 3152: Data Structures and Discrete Mathematics II	4		
CS 3201: Program Construction I	3		
CS 3202: Program Construction II	3		
CS 3211: Software Engineering I	3		
CS 3212: Software Engineering II	3		
CS 3230: Information Management	3		
CS 3270: Intelligent Systems	3		
CS 3280: Systems Programming	3		
CS 4225: Distributed and Cloud Computing	3		
CS 4982: Computing Capstone	3		
3 Additional 4000 Level CS Classes	9		
Requirements that must be fulfilled (Degree Requirements)			
1. U.S. and GA History _____ U.S. and GA Constitution _____ Exit Interview _____			
2. Electives: 1-2 hours			
3. DSW (Discipline Specific Writing) Courses: A student must take at least two 3000/4000 level DSW course for a total of 6 hours. At least 3 hours must be in the major. These courses may come from courses you take to fulfill the requirements of the major, no additional courses).			