



Computer Science, B.S.

Core IMPACTS Curriculum	HRS	GR
Core IMPACTS Area I - Institutional Priorities	4-5	
1. Written and Oral Communication One of the following is required of all majors. Choose from the following: ART 2000, ANTH 110, COMM 1100, COMM 1110, ENGL 2000, ENGL 2050 (or) THEA 2050, PHIL 2020, or any international language 1001, 1002	3	
2. Other Institutional Options ANTH 1100, BUSA 1900, CS 1000, LIBR 2100, MUSC 1110, XIDS 2001, XIDS 2002	1-2	
Core IMPACTS Area M - Mathematics and Quantitative Skills	3	
Choose one of the following based on major: MATH 1113 (required)	3-4	
Core IMPACTS Area P - Political Science and U.S. History (Citizenship)	6	
1. American / United States History HIST 2111 or 2112	3	
2. American / Georgia Government POLS 1101	3	
Core IMPACTS Area A - Arts, Humanities & Ethics (Humanities)	6	
1. Fine Arts XIDS 2100, ART 1201, ART 2201, ART 2202, FILM 2080, MUSC 1100, MUSC 1120, THEA 1100	3	
2. Humanities XIDS 2100, COMM 1154, ENGL 2110, ENGL 2120, ENGL 2130, ENGL 2180, ENGL 2190, FREN 1001, GRMN 1001, SPAN 1001, FREN 1002, GRMN 1002, SPAN 1002, FREN 2001, GRMN 2001, SPAN 2001, FREN 2002, GRMN 2002, SPAN 2002, FORL 2200, FORL 2300, PHIL 2010, PHIL 2030	3	
Core IMPACTS Area C - Communicating in Writing	6	
ENGL 1101	3	
ENGL 1102	3	
Core IMPACTS Area T - Technology, Mathematics, and Sciences (STEM)	10-11	
1. Science Courses (Take any two from the following): BIOL 1107(L), BIOL 1108(L), CHEM 1211(L), CHEM 1212(L), PHYS 2211(L), PHYS 2212(L)	7-8	
2. Mathematics, Science, and Quantitative Technology Courses MATH 1634 (required)	4	
Core IMPACTS Area S - Social Sciences	6	
1. World History HIST 1111 or 1112	3	
2. Social Science Elective Courses ANTH 1004, ANTH 1102, CRIM 1100, ECON 2100, ECON 2105, ECON 2106, GEOG 1013, GEOG 2503, PHIL 2130, POLS 2201, PSYC 1101, SOCI 1101, SOCI 1160, XIDS 2300, XIDS 2301	3	
Field of Study	HRS	GR
CS 1301 (Computer Science I)	4	
CS 1302 (Computer Science II)	4	
CS 2100 (Introduction to Web Development)	3	
MATH 2853 (Elementary Linear Algebra)	3	
MATH 1401 (Elementary Statistics)	3	

Major Course Options	HRS	GR
Supporting Courses	7	
ENGL 3405 - Professional and Technical Writing 3 Credit Hours	3	
Select 1 course from the following: MATH 3003 (Transition to Advanced Mathematics) or MATH 2644 (Calculus II)	3-4	
Program body	47	
CS 3110 (System Architecture)	3	
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 (Computer Science Capstone)	3	
CS 4986 (Computer Science Internship)	3	
2 additional from the following: COMP 3310, COMP 3350, COMP 3400, COMP 3500, COMP 3600, COMP 3800, COMP 4200, COMP 4350, COMP 4400, COMP 4420, COMP 4500, COMP 4600, COMP 4985, any 4000-level CS class (cannot count both COMP 3800 and CS 4275 towards major)	6	
Electives	4-6	
Total	120	