Associate of Science: Computer Science Pathway Map
This academic map is a suggested two-year schedule of courses based on degree requirements in the SGSC catalog. *Missing milestones could delay your program.*

Name_____
ID#_____

SOUTH GEORGIA STATE COLLEGE

FRESHMAN FALL		FRESHMAN SPRING		FRESHMAN SUMMER	
Course	**Hours**	**Course**	**Hours**	**Courses to finish out the year**	**Hours**
☐ **ENGLISH COMPOSITION I (C)** ENGL 1101 requires a grade of "C" or better and must be finished within the first 30 hours	3	☐ **ENGLISH COMPOSITION II (C)** ENGL 1102 requires a grade of "C" or better and must be finished within the first 30 hours	3		
☐ **Pre-calculus (M)** MATH 1113 requires a grade of "C" or better and must be finished within the first 30 hours need a C or higher to do well in the program	4	☐ **Contemporary Health Issues** HLTH 1103	2		
☐ **American Civilization II (P)** HIST 2112 Course to meet Legislative Requirements	3	☐ **Calculus I (FoS)** MATH 2253 need a C or higher to do well in the program	4	☐ Explore Volunteer Service Opportunities. ☐ Join a club or organization. ☐ Attend an academic or cultural event related to your field of study.	
☐ **Theatre Appreciation (A)** THEA 1100	3	☐ **American Government (P)** POLS 1101 Course to meet Legislative Requirements	3		
☐ **South Georgia State College Orientation and Success** SGSC 1000 Required for all First Time, Full Time Students	1	☐ **Public Speaking (I)** COMM 1110	3	Milestones: GPA should be 2.0 or higher.	
☐ **Fitness for Life** PHED 1000	2				
TOTAL	16	**TOTAL**	15	**TOTAL**	
RUNNING TOTAL	16	**RUNNING TOTAL**	31	**RUNNING TOTAL**	

SOPHOMORE FALL		SOPHOMORE SPRING		SOPHOMORE SUMMER	
☐ **Computer Science I (FoS)** CSCI 1301 need a C or higher to do well in the program	4	☐ **Computer Science I (FoS)** CSCI 1302 need a C or higher to do well in the program	4		
☐ **Calculus II (FoS)** MATH 2254	4	☐ **Introduction to Linear Algebra (T)** MATH 2150	3		
☐ **Principles of Physics I (T)** PHYS 2211K	4	☐ **Global Issues (S)** POLS 2401	3	**Graduation in May!** ☐Research career options and education required ☐Apply to 4-year program.	
☐ **A Survey of the Humanities in the West I (A)** HUMN 2111	3	☐ **Principles of Physics II (T)** PHYS 2211K	4		
☐ **Topics in Diversity (I)** DVRS 1101	1	☐**Introduction to General Psychology (S)** PSYC 1101	3	Milestones: Apply for graduation after registering for Sophomore Spring.	
		☐Laboratory for Environmental Science–Energy, Air, and Water Resources (T) SCIE 1111L	1		
TOTAL	16	**TOTAL**	18	**TOTAL**	
RUNNING TOTAL	47	**RUNNING TOTAL**	65	**RUNNING TOTAL**	

Students who complete this program are prepared to pursue the bachelor's degree in computer or information science or a related field at a senior college or university. Computer scientists function as programmers and systems analysts. Possible career opportunities after additional education include: applications developer, computer hardware engineer, information security analysts, database administrator, computer programmer, network architect, computer systems analyst, software developer, and computer and information research scientist.

This map is not a substitute for academic advisement—contact your advisor if you have any questions about scheduling or about your degree requirements. Also, see the current undergraduate catalog for a complete list of requirements, electives, and pre-requisites. This is a typical schedule. Depending on course availability, other courses in the IMPACTS area may be substituted. Discuss any substitutions with your advisor. (FoS Field of Study)

The USG core curriculum, Core IMPACTS, is designed to ensure that students acquire essential knowledge in foundational academic areas and develop career-ready competencies. There are seven Core IMPACTS areas. As presented in the table below, IMPACTS is a mnemonic to emphasize the impact of the overall core curriculum.

Core IMPACTS
Institutional Priority
Mathematics & Quantitative Skills
Political Science and U.S. History
Arts, Humanities & Ethics
Communicating in Writing
Technology, Mathematics & Sciences
Social Sciences

Core IMPACTS area (Shorthand)	Courses (Credit Hours)			
Institutional Priority "Contributing to a Global Community" (Institution) Credit Hours required 4	ANTH 1102 (3) ANTH 1104 (3) COMM 1100 (3) COMM 1110 (3)	COMM 2000 (3) COMM 2010 (3) DVRS 1101 (1)	HIST 1111 (3) HIST 1112 (3) HIST 2220 (3)	POLS 2401 (3) SOCI 2501 (3) Or any 3-hour SABR course
Mathematics and Quantitative Skills (Mathematics) Credit Hours required 3	MATH 1001 (3) MATH 1101 (3)	MATH 1111 (3) MATH 1113 (4)	MATH 1401 (3)	MATH 2253 (4)
Political Science and U.S. History (Citizenship) Credit Hours required 6	HIST 2111 (3)	HIST 2112 (3)	POLS 1101 (3)*	
Arts, Humanities & Ethics (Humanities) Credit Hours required 6	ARTS 2205 (3) COMM 1100 (3) COMM 1110 (3) COMM 2000 (3) COMM 2010 (3)	ENGL 2111 (3) ENGL 2112 (3) ENGL 2121 (3) ENGL 2122 (3)	ENGL 2131 (3) ENGL 2132 (3) HUMN 2111 (3) HUMN 2112 (3)	MUSI 1100 (3) PHIL 2010 (3) THEA 1100 (3) Any 3-hr. Foreign Language course
Communicating in Writing (Writing) Credit Hours required 6	ENGL 1101 (3)*	ENGL 1102 (3)*		
Technology, Mathematics & Sciences (STEM) Credit Hours required 11	ASTR 1010/1010L (4) ASTR 1020/1020L (4) BIOL 1010K (4) BIOL 1020K (4) BIOL 2000/2000L (4) BIOL 2107K (4) BIOL 2108K (4)	CHEM 1151K (4) CHEM 1152K (4) CHEM 1211K (4) CHEM 1212K (4) CSCI 1301 (4) CSCI 1302 (4)	MATH 1113 (4) MATH 1401 (4) MATH 2253 (4) MATH 2254 (4) MATH 2255 (4) PHSC 1011/1011L (4)	PHYS 1111K (4) PHYS 1112K (4) PHYS 2211K (4) PHYS 2212K (4) SCIE 1111/1111L (4) SCIE 1121/1121L (4)
Social Sciences (Social Sciences) Credit Hours required 6	ECON 2105 (3) ECON 2106 (3) HIST 1111 (3) HIST 1112 (3) HIST 1121 (3) HIST 1122 (3)	HIST 2100 (3) HIST 2111 (3) HIST 2112 (3) HIST 2200 (3) HIST 2220 (3)	POLS 2100 (3) POLS 2200 (3) POLS 2401 (3) PSYC 1101 (3) PSYC 2103 (3)	PSYC 2201 (3) SOCI 1101 (3) SOCI 1160 (3) SOCI 2293 (3) SOCI 2501 (3

*required for all pathways