

2020-2021 Program Map – BS Computer Science Starting with Math 1111

YEAR 1

TERM 1		TERM 2	
Course	Credits	Course	Credits
ENGL 1101: English Composition I	3	ENGL 1102: English Composition II	3
MATH 1111: College Algebra	3	MATH 1112 or MATH 1113: Trigonometry and Analytic Geometry or Precalculus	3/4
POLS 1101: American Government	3	HIST 1111 or 1112: World History I or World History II	3
Area E.4: Social Science Elective	3	Area B.1: Written and Oral Communication	3
Area B.2: Other Institutional Options	2	Area C.1: Fine Arts	3
Semester Total	14	SEMESTER TOTAL	15/16
Milestones		Milestones	
<ul style="list-style-type: none"> ● Complete ENGL 1101 C or better ● Complete MATH 1111 C or better 		<ul style="list-style-type: none"> ● Complete ENGL 1102 C or better ● Complete MATH 1112 or MATH 1113 C or better 	

YEAR 2

TERM 1		TERM 2	
Course	Credits	Course	Credits
CS 1301: Computer Science I	4	CS 1302: Computer Science II	4
MATH 1634: Calculus I	4	MATH 1401: Elementary Statistics	3
ENGL 3405: Professional and Technical Writing	3	Area C. 2: Humanities	3
AREA D.1 Science with Lab	4	Area D.1 Science with Lab	4
SEMESTER TOTAL	15	SEMESTER TOTAL	14
Milestones		Milestones	
<ul style="list-style-type: none"> ● Complete CS 1301 B or better ● Complete MATH 1634 C or better ● One of the following lab sciences must be taken for Core Area D.1: <ul style="list-style-type: none"> ○ BIOL 1107+1107L Principles of Biology 1 ○ BIOL 1108+1108L Principles of Biology II ○ CHEM 1211+1211L Principles of Chemistry I ○ CHEM 1212+1212L Principles of Chemistry II ○ PHYS 2211+2211L Principles of Physics I ○ PHYS 2212+2212L Principles of Physics II 		<ul style="list-style-type: none"> ● Complete CS 1302 B or better ● One of the following lab sciences must be taken for Core Area D.1: <ul style="list-style-type: none"> ○ BIOL 1107+1107L Principles of Biology 1 ○ BIOL 1108+1108L Principles of Biology II ○ CHEM 1211+1211L Principles of Chemistry I ○ CHEM 1212+1212L Principles of Chemistry II ○ PHYS 2211+2211L Principles of Physics I ○ PHYS 2212+2212L Principles of Physics II 	

****This program map is intended ONLY as a guide for students to plan their course of study. It does NOT replace any information in the Undergraduate Catalog, which is the official guide for completing degree requirements****

Core Curriculum (A-E) can be viewed here: <https://www.westga.edu/student-services/registrar/core-curriculum.php>

Student Online Resources:

- www.westga.edu/advising (Learn about: The name of your assigned advisor, program maps for all programs at UWG, tutorials on how to register and your wolf watch evaluation).
- www.westga.edu/scoop (Learn about: Fee payment deadlines, withdrawal deadlines, final exam schedules).
- www.westga.edu/esc (Learn about: Requesting a transcript, financial aid information, requesting an enrollment verification, completing a FERPA form).
- www.westga.edu/careerservices (Learn about: On/Off campus job opportunities, major and career exploration, resumes & cover letters, interviewing tips).
- www.westga.edu/cas (Learn about: tutoring, academic coaching, supplemental instruction, success workshops).

YEAR 3			
TERM 1		TERM 2	
Course	Credits	Course	Credits
CS 2100: Introduction to Web Development	3	CS 3202: Program Construction II	3
CS 3201: Program Construction I	3	CS 3212: Software Engineering II	3
CS 3211: Software Engineering I	3	CS 3151: Data Structures and Discrete Mathematics I	4
CS 3110: System Architecture	3	CS 3270: Intelligent Systems	3
MATH 2853: Elementary Linear Algebra	3	Math 3003: Transition to Advanced Mathematics	3
SEMESTER TOTAL	15	SEMESTER TOTAL	16
Milestones		Milestones	
<ul style="list-style-type: none"> Complete MATH 2853 C or better 			
YEAR 4			
TERM 1		TERM 2	
Course	Credits	Course	Credits
CS 3280: Systems Programming	3	CS 4986: Computing Internship	3
CS 3230: Information Management	3	CS 4982: Computing Capstone	3
CS 3152: Data Structures and Discrete Mathematics II	4	CS 4225: Distributed and Cloud Computing	3
CS Elective	3	CS Elective	3
HIST 2111 OR 2112: U.S. History 1 or U.S. History II	3	General Elective	3
SEMESTER TOTAL	16	SEMESTER TOTAL	15
Milestones		Milestones	