COLUMBUS STATE UNIVERSITY

MAJOR: Mathematics
DEGREE: BS
MATH PLACEMENT: Math 1113
COLLEGE: COLS
TRACK: Secondary Education
YEAR: 2018-2019

FALL 1	CREDITS	AREA	C OR BETTER
MATH 1113 Pre-Calculus	4	A(3), 1(G)	Y
ENGL 1101 English Composition 1	3	A	Y
COMM 1110 Communication	3	B	
UTCH 1201 Step1 Inquiry Approaches to Teaching	1	G	Y
HIST 2111 or HIST 2112 U. S. History to 1865/Since 1865	3	E	
Area C Fine arts	3	C	
Total Hours	17 Hours		
Notes:			

SPRING 1	CREDITS	AREA	C OR BETTER
MATH 1131 Calculus with Analytic Geometry 1	4	D(3),F(1)	Y
ENGL 1102 English Composition 2	3	A	Y
UTCH 1202 Step 2 Inquiry-Based Lesson Design	1	G	Y
Area D Lab Science	4	D	
CPSC 1301/1301L Computer Science 1/Lab 1	4	F(3), G(1)	Y
Total Hours	16 Hours		
Notes:			

FALL 2	CREDITS	AREA	C OR BETTER
MATH 1132* Calculus with Analytic Geometry 2	4	F	Y
MATH 2115 Introduction to Linear Algebra	3	F	Y
MATH 3154 Introduction to Mathematical Proofs I	3	G	Y
UTCH 2105 Knowing and Learning in Mathematics and Science	3	G	Y
Area E World Cultures	3	E	
Total Hours	16 Hours		
Notes: **** If MATH 1132 is used in Area D, the one extra hour will count in Area F.			

SPRING 2	CREDITS	AREA	C OR BETTER
STAT 1127 Introductory Statistics	3	F	Y
MATH 3175 Introduction to Probability	3	G	Y
MATH 3155 Introduction to Mathematical Proofs II	3	G	Y
UTCH 3115 Functions & Modeling for Secondary Mathematics Teachers	3	G	Y
POLS 1101 American Government	3	E	
Total Hours	15 Hours		
Notes:			

FALL 3	CREDITS	AREA	C OR BETTER
MATH 2135 Calculus with Analytic Geometry 3	4	F	Y
MATH 5135 College Geometry	3	G	Y
Area H Math Elective	3	H	Y
UTCH 2215 Research Methods	3	G	Y
ITDS 2125 Historical Perspectives on the Phil of Science &Mathematics	3	G or C	
Total Hours	16 Hours		
Notes: * If ITDS 2125 is applied to Area G, then choose another course for Area C and take that it in another semester.			

SPRING 3	CREDITS	AREA	C OR BETTER
MATH 5185 History of Mathematics	3	G	Y
MATH 5111 Introduction to Abstract Algebra 1	3	G	Y
Area E Behavioral Science	3	E	
UTCH 3205 Classroom Interactions	3	G	Y
Area D Lab Science	4	D	
Total Hours	16 Hours		
Notes:			

FALL 4	CREDITS	AREA	C OR BETTER
MATH 4795 Senior Seminar in Mathematics	3	G	Y
MATH 5151 Introduction to Real Analysis 1	3	G	Y
MATH 5175 Mathematical Statistics	3	G	Y
UTCH 4205 Project-Based Instruction	3	G	Y
PHED1205 Concepts of Fitness	2	Wellness	
PEDS	1	Wellness	
ITDS Course	1	B	
Total Hours	16 Hours		
Notes:			

SPRING 4	CREDITS	AREA	C OR BETTER
UTCH 4485 Student Teaching	9	G	Y
UTCH 4795 Student Teaching Seminar	1	G	Y
SPED 4115 Teaching Math & Science to Exceptional Learners	2	G	Y
Total Hours	12 Hours		
Notes:			

Additional Notes:

The student needs to work with his/her advisor to choose appropriate elective courses to make sure that he/she meets the total hours required for the program 123-124.

This program map illustrates appropriate coursework for completing a degree within four years, provided that course grades allow for earned credit. Please consult with your advisor to determine when courses can be switched out with others and taken in a different semester or sequence than illustrated since not all courses are taught every semester. A Freshman Learning Community (FRLC 1116) or a First-Year Seminar (FYRS 1105) is required of all students entering either as new freshmen or with fewer than 30 hours of transferred credit, so please talk to your advisor about this requirement. This map is for illustrative purposes only and does not constitute a legal contract on the part of CSU since degree requirements or course offerings could change. As always, check with your advisor.