Mathematics, BS

FALL

Course Number	Course Title	USP	CR	Min Grade	Grade

FRESHMAN YEAR

Course Number	Course Title	USP	CR	Min Grade	Grade
MATH 2200	Calculus I	Q	4	C	
Prerequisite:	One of MATH 1405, MATH 1450, MPE 5, Math ACT 27, Math SAT 640				
	USP: Communications I	C1	3	C	
Prerequisite:	None				
	USP: First Year Seminar	FYS	3	C	
Prerequisite:	Varies				
	USP: Human Culture	H	3	C	
Prerequisite:	None				
	General Elective		3		
Prerequisite:	Varies				
	Total		**16**		

SOPHOMORE YEAR

Course Number	Course Title	USP	CR	Min Grade	Grade
MATH 2210	Calculus III		4	C	
Prerequisite:	C in MATH 2205				
MATH 2250	Elementary Linear Algebra		3	C	
Prerequisite:	C in MATH 2200 or MATH 2350				
	USP: Phys & Nat World	PN	3		
Prerequisite:	Varies				
	General Elective		3		
	General Elective		3		
	Total		**16**		

JUNIOR YEAR

Course Number	Course Title	USP	CR	Min Grade	Grade
MATH 3205	Analysis I: Elem Real Analysis		3	C	
Prerequisite:	C in MATH 2205 and MATH 2800				
MATH 3500	Algebra I: Intro Rings and Proofs		3	C	
Prerequisite:	C in MATH 2250 or concurrent enrollment, and MATH 2800				
	General Elective		3		
	General Elective		3		
	General Elective		3		
	Total		**15**		

SENIOR YEAR

Course Number	Course Title	USP	CR	Min Grade	Grade
MATH	Depth Course *		3	C	
Prerequisite:	Varies				
MATH	Upper Div Math Elec		3	C	
Prerequisite:	Varies				
MATH	Upper Div Math Elec		3	C	
Prerequisite:	Varies				
	Upper Div Elective		3		
Prerequisite:	Varies				
	USP: Communications III	C3	3	C	
Prerequisite:	C in C2				
	Total		**15**		

SPRING

FRESHMAN YEAR

Course Number	Course Title	USP	CR	Min Grade	Grade
MATH 2800	Math Major Seminar		2	S	
Prerequisite:					
MATH 2205	Calculus II	Q	4	C	
Prerequisite:	C in Math 2200				
	USP: Phys & Nat World	PN	3		
Prerequisite:	Varies				
	USP: Human Culture	H	3		
Prerequisite:	Varies				
	USP: Communications II	C2	3	C	
Prerequisite:	C in C1				
	Total		**15**		

SOPHOMORE YEAR

Course Number	Course Title	USP	CR	Min Grade	Grade
MATH 2310	Applied Diff Equations		3	C	
Prerequisite:	C in MATH 2205				
	USP: US & WY Constitution V		3		
	General Elective		3	C	
	General Elective		3		
	General Elective		3		
	Total		**15**		

JUNIOR YEAR

Course Number	Course Title	USP	CR	Min Grade	Grade
MATH 3340	Scientific Computing		3	C	
Prerequisite:	C in MATH 2210				
MATH	Upper Div Math Elec		3	C	
Prerequisite:	Varies				
	General Elective		3		
	General Elective		3		
	General Elective (*if necessary*)		1		
	Total		**13**		

SENIOR YEAR

Course Number	Course Title	USP	CR	Min Grade	Grade
MATH	Upper Div Math Elective		3	C	
Prerequisite:	Varies				
MATH	Upper Div Math Elective		3	C	
Prerequisite:	Varies				
	Upper Div Elective		3		
Prerequisite:	Varies				
	Upper Div Elective		3		
Prerequisite:	Varies				
	Upper Div Elective		3		
Prerequisite:	Varies				
	Total		**15**		

Total Program Credits: **120**

- A minimum of 120 hours is required. A minimum of 42 hours must be upper division.
- All MATH and STAT courses require a minimum grade of C.
- Depth course: Choose one of MATH 4200, MATH 4205, MATH 4510, MATH 4520, MATH 4340 OR MATH 4440
- General Electives cannot meet any other requirement for the major, and should be selected to satisfy the 42-credit upper division requirement.
- MATH 4200 and MATH 4510 are USP C3 courses. If one of these is completed, an additional upper division elective may be taken instead of a separate C3 course.
- Degree candidates must meet the academic requirements of the university.