



Statistics, B.S.

FALL

SPRING

Course Number	Course Title	USP	CR	Min Grade	Grade	Course Number	Course Title	USP	CR	Min Grade	Grade
FRESHMAN YEAR											
MATH 2200	Calculus I	Q	4	C		MATH 2205	Calculus II	Q	4	C	
<i>Prerequisite:</i> C in Math 1405 or 1450, MPE 5, Math ACT 27, Math SAT 640						<i>Prerequisite:</i> C in MATH 2200					
	USP: Communications I	C1	3	C		STAT 2050	Fundamentals of Statistics		4	C	
<i>Prerequisite:</i> C in MATH 1400						COSC 1010 Intro to Computer Sci 1					
	FYS or USP Elective	FYS	3	C			USP: Human Culture	H	3	D	
	USP: US & WY Constitution	V	3	D		Total 14					
	USP: Phys & Nat World	PN	3	D		Total 16					
<i>Prerequisite:</i> Varies											

SOPHOMORE YEAR

MATH 2210	Calculus III		4	C		MATH 2250	Elementary Linear Algebra		3	C	
<i>Prerequisite:</i> C in MATH 2205						<i>Prerequisite:</i> C in MATH 2200 or MATH 2350					
	USP: Communications II	C2	3	C			USP: Human Culture	H	3	D	
<i>Prerequisite:</i> C in C1						STAT 4015 Regression Analysis					
	USP: Phys & Nat World	PN	3	D		<i>Prerequisite:</i> C in STAT 2050 or equivalent					
<i>Prerequisite:</i> Varies						General Elective					
COSC 1030	Computer Science 1		4	C		<i>Prerequisite:</i> Varies					
<i>Prerequisite:</i> C in COSC 1010						General Elective					
						<i>Prerequisite:</i> Varies					
Total 14						Total 15					

JUNIOR YEAR

STAT 4025	Design & Analysis Exper		3	C		STAT 4265	Intro Theory of Statistics		3	C	
<i>Prerequisite:</i> C in STAT 2050 or equivalent						<i>Prerequisite:</i> C in STAT/MATH 4255					
STAT 4255	Math Theory of Probability		3	C		STAT 4270	Applied Bayesian Statistics		3	C	
<i>Prerequisite:</i> C in MATH 2210						<i>Prerequisite:</i> C in STAT 4015/2015					
	STAT Upper Division Elec		3	C		General Elective					
<i>Prerequisite:</i> Varies						<i>Prerequisite:</i> Varies					
	General Elective		3	D		General Elective					
<i>Prerequisite:</i> Varies						<i>Prerequisite:</i> Varies					
	General Elective		4	D		General Elective					
<i>Prerequisite:</i> Varies						<i>Prerequisite:</i> Varies					
Total 16						Total 15					

SENIOR YEAR

	STAT Upper Division Elec		3	C		STAT 4870	Senior Thesis		3	C	
<i>Prerequisite:</i> Varies						<i>Prerequisite:</i> 18 hours in Statistics and senior standing					
	STAT Upper Division Elec		3	C		STAT Upper Division Elec					
<i>Prerequisite:</i> Varies						<i>Prerequisite:</i> Varies					
	General Elective		3	D		Upper Div General Elective					
						Upper Div General Elective					
	General Elective		3	D		Upper Div General Elective					
						Upper Div General Elective					
	USP: Communications III	C3	3	C		Total 15					
<i>Prerequisite:</i> C in C2						Total 15					

Fall only or spring only course

Total Program Credits: 120

- A minimum of 120 hours is required. A minimum of 42 hours must be upper division.
- Only grades of C or better will be accepted for the major.
- General Electives cannot meet any other requirement for the major, and should be selected to satisfy the 42-credit upper division requirement.
- Degree candidates must meet the academic requirements of the university.
- STAT 4270 offered every three semesters.