



Department of Mathematics and Statistics

B.S Applied Mathematics: Concentration 1

Year 1			
Fall		Spring	
MATH 160A/B (4)	<input type="checkbox"/>	MATH 161A/B (4)	<input type="checkbox"/>
STAT 201 (3)	<input type="checkbox"/>	CSCI 140 (3)	<input type="checkbox"/>
STAT 201L (1)	<input type="checkbox"/>	CSCI 140L (1)	<input type="checkbox"/>
UNIV 110 (3)	<input type="checkbox"/>	CORE (3)	<input type="checkbox"/>
CORE (3)	<input type="checkbox"/>	CORE (3)	<input type="checkbox"/>
MATH 190 (1)			
Year 2			
Fall		Spring	
MATH 220 (3)	<input type="checkbox"/>	MATH 344 (3)	<input type="checkbox"/>
MATH 260 (4)	<input type="checkbox"/>	MATH 320 (3)	<input type="checkbox"/>
CORE (3)	<input type="checkbox"/>	CORE (3)	<input type="checkbox"/>
CORE (3)	<input type="checkbox"/>	CORE (3)	<input type="checkbox"/>
CORE (3)	<input type="checkbox"/>	HIST 201 or POLI 201 (3)	<input type="checkbox"/>

Year 3			
Fall		Spring	
STAT 412 (3)	<input type="checkbox"/>	MATH 446 (3)	<input type="checkbox"/>
MATH 331 or 384 (3)	<input type="checkbox"/>	MATH 3XX (3)	<input type="checkbox"/>
CORE (3)	<input type="checkbox"/>	COGNATE (3)	<input type="checkbox"/>
ELECTIVE (3)	<input type="checkbox"/>	CORE (3)	<input type="checkbox"/>
COGNATE (3)	<input type="checkbox"/>	ELECTIVE (3)	<input type="checkbox"/>

Year 4			
Fall		Spring	
MATH 331 or 384 (3)	<input type="checkbox"/>	COGNATE (3)	<input type="checkbox"/>
MATH 490 (3)	<input type="checkbox"/>	CORE (3)	<input type="checkbox"/>
MATH 450 or 452 (3)	<input type="checkbox"/>	CORE (3)	<input type="checkbox"/>
CORE (3)	<input type="checkbox"/>	MATH 3XX (3)	<input type="checkbox"/>
ELECTIVE (3)	<input type="checkbox"/>	MATH 4XX (3)	

B.S Applied Mathematics: Concentration 2

Year 1			
Fall		Spring	
MATH 160A/B (4)	<input type="checkbox"/>	MATH 161A/B (4)	<input type="checkbox"/>
STAT 201 (3)	<input type="checkbox"/>	CSCI 140 (3)	<input type="checkbox"/>
STAT 201L (1)	<input type="checkbox"/>	CSCI 140L (1)	<input type="checkbox"/>
UNIV 110 (3)	<input type="checkbox"/>	CORE (3)	<input type="checkbox"/>
CORE (3)	<input type="checkbox"/>	CORE (3)	<input type="checkbox"/>
MATH 190 (1)			
Year 2			
Fall		Spring	
MATH 220 (3)	<input type="checkbox"/>	MATH 344 (3)	<input type="checkbox"/>
MATH 260 (4)	<input type="checkbox"/>	MATH 320 (3)	<input type="checkbox"/>
CORE (3)	<input type="checkbox"/>	CORE (3)	<input type="checkbox"/>
CORE (3)	<input type="checkbox"/>	CORE (3)	<input type="checkbox"/>
CORE (3)	<input type="checkbox"/>	HIST 201 or POLI 201 (3)	<input type="checkbox"/>

Year 3			
Fall		Spring	
STAT 412 (3)	<input type="checkbox"/>	COGNATE (3)	<input type="checkbox"/>
MATH 242 (3)	<input type="checkbox"/>	MATH 3XX (3)	<input type="checkbox"/>
MATH 242L (1)	<input type="checkbox"/>	COGNATE (3)	<input type="checkbox"/>
ELECTIVE (3)	<input type="checkbox"/>	CORE (3)	<input type="checkbox"/>
COGNATE (3)	<input type="checkbox"/>	MATH 4XX (3)	<input type="checkbox"/>
CORE (3)			
Year 4			
Fall		Spring	
MATH 331 or 384 (3)	<input type="checkbox"/>	MATH 446 or 454 (3)	<input type="checkbox"/>
MATH 490 (3)	<input type="checkbox"/>	CORE (3)	<input type="checkbox"/>
MATH 450 (3)	<input type="checkbox"/>	CORE (3)	<input type="checkbox"/>
CORE (3)	<input type="checkbox"/>	MATH 3XX (3)	<input type="checkbox"/>
MATH 4XX (3)	<input type="checkbox"/>	ELECTIVE (3)	

B.S Applied Statistics

Year 1			
Fall		Spring	
STAT 201 (3)	<input type="checkbox"/>	CSCI 135 (3)	<input type="checkbox"/>
STAT 201L (1)	<input type="checkbox"/>	MATH 161 (4)	<input type="checkbox"/>
UNIV 110 (1)	<input type="checkbox"/>	STAT 318 (3)	<input type="checkbox"/>
MATH 160 (4)	<input type="checkbox"/>	CORE (3)	<input type="checkbox"/>
CORE (3)	<input type="checkbox"/>	CORE (3)	<input type="checkbox"/>

Year 2			
Fall		Spring	
CSCI 225 (3)	<input type="checkbox"/>	STAT 320 (3)	<input type="checkbox"/>
MATH 260(4)	<input type="checkbox"/>	STAT 3XX (3)	<input type="checkbox"/>
MATH 344 (3)	<input type="checkbox"/>	CORE (3)	<input type="checkbox"/>
STAT 316 (3)	<input type="checkbox"/>	CORE (3)	<input type="checkbox"/>
CORE (3)	<input type="checkbox"/>	HIST 201 or POLI 201 (3)	<input type="checkbox"/>

Year 3			
Fall		Spring	
STAT 412 (3)	<input type="checkbox"/>	STAT 413 (3)	<input type="checkbox"/>
STAT 321 (3)	<input type="checkbox"/>	STAT 3XX (3)	<input type="checkbox"/>
CORE (3)	<input type="checkbox"/>	STAT 4XX (3)	<input type="checkbox"/>
CORE (3)	<input type="checkbox"/>	CORE (3)	<input type="checkbox"/>
SCI 1XX (3)	<input type="checkbox"/>	SCI 1XX (3)	<input type="checkbox"/>

Year 4			
Fall		Spring	
STAT 4XX (3)	<input type="checkbox"/>	STAT 3XX (3)	<input type="checkbox"/>
MATH 490 (3)	<input type="checkbox"/>	STAT 3XX (3)	<input type="checkbox"/>
CORE (3)	<input type="checkbox"/>	CORE (3)	<input type="checkbox"/>
CORE (3)	<input type="checkbox"/>	CORE (3)	<input type="checkbox"/>
Elective (3)	<input type="checkbox"/>		

STAT 3XX and STAT 4XX denote respectively any 300 and 400 level course. Please look on the next page of this document for the semesters in which the various courses are offered. **This document also assumes that the student is starting their program as a freshman in an odd Fall.**

Course number	Course name	Semester(s) offered
STAT 201	Elementary Statistics	Fall, Spring, Summer
STAT 201L	Elementary Statistics Laboratory	Fall, Spring, Summer
STAT 315	Regression Analysis	Fall (even years)
STAT 316	Experimental Design I	Fall
STAT 317	Nonparametric Statistical Methods	Fall (odd years)
STAT 318	Applied Statistical Methods	Spring
STAT 319	Categorical Data Analysis	Spring (odd years)
STAT 320	Experimental Design II	Spring (even years)
STAT 321	SAS Basics	Fall (odd years)
STAT 323	Survey and Sampling Design	Spring (even years)
STAT 412	Statistical Inference I	Fall
STAT 413	Statistical Inference II	Spring (odd years)
STAT 414	Time Series Analysis	Spring (odd years)
STAT 415	Bayesian Methods	Fall (even years)
STAT 420	Statistical Computing	Spring (even years)