Statistics Course Rotation

Fall Rotation

STAT Number	Name	Credit Hours	Pre-Req or Co-Req	Semester offered	Cross Listed
STAT 2300	Introduction to Applied Statistics Using Technology	3	MATH 2413 Co-Req	Fall Only	
STAT 3311	Probability and Statistics I	3	MATH 2414	Fall Only	MATH 3311
STAT 3364	Data Science I	3	STAT 3312, MATH 2318, COSC 1310	Fall Only	MATH 3364
STAT 4301	Design of Experiments	3	STAT 4300	Fall Only	
STAT 4302	Nonparametric Statistics	3	STAT 2301, STAT 3312	Fall Even	
STAT 4310	Bayesian Analysis	3	STAT 2301, STAT 3312	Fall Odd	

Spring Rotation

STAT Number	Name	Credit Hours	Pre-Req or Co-Req	Semester offered	Cross Listed
STAT 2301	Intermediate Statistical Methods Using Technology	3	STAT 2300	Spring Only	
STAT 3312	Probability and Statistics II	3	STAT 3311	Spring Only	MATH 3312 (Formerly 4311)
STAT 4300	Linear Models	3	STAT 2301, STAT 3312, MATH 2318	Spring Only	
STAT 4320	Time Series Analysis		STAT 2301, STAT 3312	Spring Odd	
STAT 4364	Data Science II		STAT 3364	Spring Even	

As Needed - Suggested Additional Pre-Reqs: STAT 2301, STAT 3312

STAT Number	Name	Credit Hours	Pre-Req or Co-Req	Semester offered	Cross Listed
STAT 4086	Statistics Problems	3	Department Head Approval	As Needed	
STAT 4098	Undergraduate Research Project	3	Department Head Approval	As Needed	
STAT 4384	Internship	3	Department Head Approval	As Needed	
STAT 4390	Statistics Topics	3	Department Head Approval	As Needed	