

# Minor in Applied Statistics and Analytics

Catalog Year: 2020-2021

Total Minor Credit Hours: 15



Prerequisites			Students can officially declare the minor in Owl Express after enrolling in STAT 3130
STAT 3010 Computer Applications of Statistics	STAT 1401 or ECON 2300 or STAT 3125 or MATH 3332	3	
STAT 3120 Statistical Methods I Or STAT 3125 Biostatistics	STAT 3010	3	
	BIOL 1107 or CHEM 1212 or permission of instructor		
STAT 3130 Statistical Methods II	STAT 3010 and (STAT 3120 or STAT 3125)	3	
<b>Select 2 of the following</b>			
IS 4540 Data Mining	(IS 3100 and Admission to Coles OR STAT 1401 and student in Coles partner program) and 60 credit hours w/min GPA of 2.0	3	One of the two upper-division electives may consist of 3 credit hours for either of these 2 courses
STAT 4025 Clinical Trial Design	STAT 3125 or STAT 3120	3	
STAT 4120 Applied Experimental Design	STAT 3130	3	
STAT 4210 Applied Regression Analysis	STAT 3130	3	
STAT 4125 Design & Analysis of Human Studies	STAT 3130	3	
STAT 4310 Statistical Data Mining	STAT 3130	3	
STAT 4330 Applied Binary Classification	STAT 4210	3	
STAT 4490 Special Topics in Statistics	STAT 3130	3	
PSYC 3301 Experimental Design & Analysis	PSYC 2210 and PSYC 2300	3	
STAT 3396 Cooperative Study OR STAT 3398 Internship	Application/internship	1-3	
	Approval of program coordinator and dept chair	1-9	