

# Minor in Applied Statistics and Analytics

Catalog Year: 2020-2021

Total Minor Credit Hours: 15



Prerequisites		
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
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

Students can officially declare the minor in Owl Express after enrolling in STAT 3130

One of the two upper-division electives may consist of 3 credit hours for either of these 2 courses