

# Minor in Applied Statistics and Analytics



Catalog Year: 2020-2021

Total Minor Credit Hours: 15

## Required Courses (15 credit hours)

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