BACHELOR OF SCIENCE (BS) DATA ANALYTICS: SAMPLE FOUR-YEAR DEGREE PLAN

This should be used as a **guide** only. Semester offerings are subject to change. Students should meet with the Data Analytics academic advisor every semester to ensure an on time graduation.

Year	Autumn		Spring	
	Course	**Hrs.**	**Course**	**Hrs.**
1	ASC 1100.xx	1	MATH 1152 or 2162 or 1172 or 2182H**	5
	MATH 1151 or 1161 or 1181H	5	CSE 2221	4
	CSE 1223, 1224, or equiv	3	GE Foreign Language 2	4
	GE Foreign Language 1	4	GE Open Option*	3
	GE Writing Level I	3		
	Total:	**16**	**Total:**	**16**
2	CSE 2231	4	MATH 2568	3
	CSE 2321	3	CSE 2421 or 3430	4
	STAT 3201	3	STAT 3202	4
	GE Foreign Language 3	4	GE Writing Level 2	3
	GE Social Science	3	GE Cultures & Ideas	3
	Total:	**17**	**Total:**	**17**
3	ISE 3230	3	CSE 3244	3
	CSE 3241	3	STAT 3302	3
	STAT 3301	3	Specialization Elective***	4
	GE Natural Science	3	GE Historical Study	3
	GE Visual and Performing Arts	3	GE Biological Science (lab)	4
	Total:	**15**	**Total:**	**17**
4	CSE 5243	3	CSE 5544 **or** ISE 5760	3
	STAT 4620	2	STAT 3303	3
	Specialization Elective***	3	Specialization Elective***	3
	Specialization Elective***	3	CSE 59xx/STAT 4911 Capstone	4
	GE Social Science	3	GE Literature	3
	GE Physical Science (lab)	4		
	Total:	**18**	**Total:**	**16**

*STAT 2450 can be utilized as a GE Open Option course for students who do not have previous experience in Statistics; however, this course is not required. If a student has EM or dual enrollment K credit for Math 1151, it is recommended they enroll in STAT 2450 during their second semester.

**Math courses above the 1151 and 1161 levels complete one of the two GE Open Option courses for a B.S. degree in the College of the Arts and Sciences. Data Analytics students must take Math 1152 or 1172 or 2162 or 2182H as a prerequisite to Math 2568.

*** From approved list of major specialization elective courses

****This curriculum plan assumes overlap for the Social Diversity and Global Studies GE categories.

Total hours to complete the degree program = 132

Revised: 11/2021