

**Business Analytics Specialization  
Suggested Curriculum**

This should be used as a **guide** only. Semester offerings are subject to change. Students interested in specializing in Business Analytics are encouraged to work with an advisor early on to help develop a four-year plan of study.

<b>Year</b>	<b>Autumn</b>		<b>Spring</b>	
	<b>Course</b>	<b>Hrs.</b>	<b>Course</b>	<b>Hrs.</b>
1	ASC 1100.xx	1	Math 1152 (Calc II)	5
	Math 1151 (Calc I)	5	CSE 2221 (Software I)	4
	GE Phys. Sci. (lab)*	4	GE Open Option**	3
	GE Foreign Language 1	4	GE Foreign Language 2	4
	GE Writing Level 1	3		
	<b>Total:</b>	<b>17</b>	<b>Total:</b>	<b>16</b>
2	CSE 2231 (Software II)	4	CSE 2421 or 2xxx (Systems I or Systems for Data Analytics)	4
	CSE 2321 (Foundations I)	3	Math 2568 (Linear Algebra)	3
	Stat 3201 (Intr. Prob. for Data Anl.)	3	Stat 3202 (Intr. Stat. Inf. for Data Anl.)	4
	Econ 2001.01 (GE Social Sciences)	3	GE Writing Level 2	3
	GE Foreign Language 3	4	Econ 2002.01 (GE Social Sciences)	3
	<b>Total:</b>	<b>17</b>	<b>Total:</b>	<b>17</b>
3	ISE 3230 (Sys. Mod. & Opt. for Anl.)	3	Stat 3302 (Stat. Model. for Disc. II)	3
	CSE 3241 (Databases I)	3	CSE 5243 (Data Mining)	3
	Stat 3301 (Stat. Model. for Disc. I)	3	CSE 5544 or ISE 5760 (Visualization)	3
	BUSADM 3630.05 (Introduction to Business Analytics)	2	BUSADM 3632.05 (Design and Develop. of Business Analytics Solutions)	3
	Business Foundation	3	GE Biological Sciences (lab)	4
	<b>Total:</b>	<b>14</b>	<b>Total:</b>	<b>16</b>
4	Stat 4620 (Intr. Stat. Learning)	2	Stat 3303 (Statistical Dec. Making)	3
	CSE 5242 or CSE 5xxx (DB II or Adv. DB and Cloud Computing)	3	GE Historical Study	3
	Business Analytics Elective	3	GE Natural Science	3
	Business Analytics Elective	3	GE Cult. & Ideas or Hist. Study	3
	GE Arts	3	GE Literature	3
	<b>Total:</b>	<b>14</b>	<b>Total:</b>	<b>15</b>

\* Students choosing the Business Analytics specialization should consider Physics 1250 or Chemistry 1210 or Chemistry 1250 or any other eligible GE (BS) physical science lab course as the physical science component.

\*\* Stat 2450 is a suggested, but not required, choice for the GE Open Option for students with no previous exposure to statistics.

**Total hours to complete the degree program = 126**