

SOCIAL DATA ANALYTICS: BACHELOR OF SCIENCE

Major Requirements:

Prerequisites are listed in parentheses to the right of each course

***STAT 200 is an enforced prerequisite for many courses within the major.*

PL SC 309 is an approved substitute. To enroll in courses with STAT 200 prereq, submit a prerequisite override in LionPATH.

Foundation Courses:	Computer Science:	
<p style="text-align: center;">Take all of the following</p> <p><input type="checkbox"/> PL SC 10 (GS)</p> <p><input type="checkbox"/> PL SC 1 (GS/US)</p> <p><input type="checkbox"/> PL SC 309 (PL SC 10)</p>	<p style="text-align: center;">Take all of the following:</p> <p><input type="checkbox"/> CMPSC 131* (MATH 110 or MATH 140)* <i>*The prerequisite must be taken previously or concurrently at enrollment.</i></p> <p><input type="checkbox"/> CMPSC 132 (CMPSC 121 or 131)</p> <p><input type="checkbox"/> CMPSC 221 (CMPSC 122 or 132)</p> <p><input type="checkbox"/> CMPSC 360 (CMPSC 122 or 132)*</p>	
Math:	Ethics and Technology Requirement:	Statistics:
<p style="text-align: center;">Take all of the following:</p> <p><input type="checkbox"/> MATH 140 (GQ)</p> <p><input type="checkbox"/> MATH 141 (MATH 140)(GQ)</p> <p><input type="checkbox"/> MATH 220 (MATH 110, 140)</p>	<p style="text-align: center;">Select 3 credits from:</p> <p>PHIL 106, 107, 233, 404, 407, 418</p> <p><input type="checkbox"/> _____</p>	<p style="text-align: center;">Take all of the following:</p> <p><input type="checkbox"/> STAT 184 (PLSC 309)</p> <p><input type="checkbox"/> STAT/MATH 318 (MATH 141)</p> <p><input type="checkbox"/> STAT 380 (PL SC 309 & STAT 184)</p>
Data Science Courses:	Social Data Analytics:	Political Science Courses:
<p><input type="checkbox"/> DS 220 (CMPSC 121 or 131 & IST 210)</p> <p><input type="checkbox"/> DS 300 (DS 220 & CMPSC 360)</p> <p><input type="checkbox"/> DS 310 (CMPSC 360 & STAT/MATH 318 & MATH 220)</p> <p><input type="checkbox"/> DS 330 (DS 220)</p>	<p><input type="checkbox"/> SODA 308 (PL SC 309)</p> <p><input type="checkbox"/> SODA 496 *6 credits</p> <p><i>*Please check with an Academic Adviser on SODA 496 enrollment</i></p>	<p>Select 6 credits of additional PL SC; 3 credits must be at the 400-level</p> <p><input type="checkbox"/> PL SC _____</p> <p><input type="checkbox"/> PL SC 4_____</p>
Data Intensive PL SC Courses:		Advanced Analytics:
<p>Note: <u>VARIES BY SEMESTER</u> and may include several options that are not listed here. Please check with an academic adviser for a full list of the data-intensive courses being offered for the current semester</p> <p style="text-align: center;"><input type="checkbox"/> PL SC 4_____</p> <p style="text-align: center;"><input type="checkbox"/> PL SC 4_____</p> <p style="text-align: center;"><input type="checkbox"/> PL SC 4_____</p> <p>Select 9 credits from PL SC 404, 429, 447, 476, 497*, & 498*</p> <p><i>*Only some PL SC 497 & 498 are approved for this area- please check with an Academic Adviser.</i></p>		<p style="text-align: center;">Select 9 credits from the following list:</p> <p><input type="checkbox"/> CMPSC 431W (CMPSC 221, ENGL 202)</p> <p><input type="checkbox"/> CMPSC 448 (STAT 319 or 415 & CMPSC 122 or 132)</p> <p><input type="checkbox"/> CMPSC 465 (CMPSC 122 or 132 & CMPSC 360 or MATH 311W)</p> <p><input type="checkbox"/> STAT/MATH 319 (STAT /MATH 318)</p> <p><input type="checkbox"/> STAT 440 (PL SC 309 & MATH 220 & STAT/MATH 415)</p> <p><input type="checkbox"/> STAT 464 (PL SC 309)</p> <p><input type="checkbox"/> DS 320 (DS 220 & STAT 318-Recommended prep of DS 310)</p> <p><input type="checkbox"/> DS 402 (DS 220)</p> <p><input type="checkbox"/> DS/CMPSC 410 (CMPSC 122 or 132, & DS 220 or CMPSC 221; Recommended prep of DS 310 or CMPSC 448)</p> <p><i>*Additional courses may fulfill this area. Please see your adviser to gain approval</i></p>
*A grade of C or better is required for all courses above		
Credits Required to Graduate:		
<p><input type="checkbox"/> Met or surpassed 120.0 credit minimum needed to graduate:</p> <p>Total Units Earned to Date: _____</p>		