



# **SOCIAL DATA ANALYTICS: BACHELOR OF SCIENCE**

## **Major Requirements:**

*\*\*Prerequisites are listed in parentheses to the right of each course\*\**

<b>Foundation Courses:</b>		<b>Computer Science:</b>	
<b>Take all of the following</b>  <input type="checkbox"/> PL SC 10 (GS) <input type="checkbox"/> PL SC 1 (GS/US) <input type="checkbox"/> PL SC 309 (PL SC 10)		<b>Take all of the following</b>  <input type="checkbox"/> CMPSC 131 (MATH 110 or MATH 140) <input type="checkbox"/> CMPSC 132 (CMPSC 121 or 131) <input type="checkbox"/> CMPSC 221 (CMPSC 122 or 132) <input type="checkbox"/> CMPSC 360 (CMPSC 122 or 132)	
<b>Math:</b>		<b>Ethics and Technology Requirement:</b>	<b>Statistics:</b>
<b>Take all of the following</b>  <input type="checkbox"/> MATH 140 (GQ) <input type="checkbox"/> MATH 141 (GQ) <input type="checkbox"/> MATH 220 (MATH 110, 140)		<b>Select 3 credits from PHIL 106, 107, 233, 406, 407, or STS 101</b>  <input type="checkbox"/> _____	<b>Take all of the following</b>  <input type="checkbox"/> STAT 184 (PLSC 309) <input type="checkbox"/> STAT/MATH 318 (MATH 141) <input type="checkbox"/> STAT 380 (PL SC 309 & R)
<b>Data Science Courses:</b>		<b>Social Data Analytics:</b>	<b>Political Science Courses:</b>
<input type="checkbox"/> DS 220 (CMPSC 121/131 & IST 210) <input type="checkbox"/> DS 300 (DS 220) <input type="checkbox"/> DS 310 (CMPSC 121 & STAT 318) <input type="checkbox"/> DS 330 (DS 220)		<input type="checkbox"/> SODA 308 (PL SC 309) <input type="checkbox"/> SODA 496 <b>*6 credits</b>	<b>Select 6 credits of additional PL SC; 3 credits must be at the 400-level</b> <input type="checkbox"/> PL SC _____ <input type="checkbox"/> PL SC 4_____
<b>Data Intensive PL SC Courses:</b>		<b>Advanced Analytics:</b>	
<p><i>Data Intensive course offerings</i></p> <p><b><u>VARY BY SEMESTER</u></b> 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><input type="checkbox"/> PL SC 4_____</p> <p><input type="checkbox"/> PL SC 4_____</p> <p><input type="checkbox"/> PL SC 4_____</p> <p><b>Select 9 credits from PL SC 404, 429, 447, 476 and PL SC 497*</b></p> <p>*Only some PL SC 497 are approved for this area- please check with an Academic Adviser</p>		<p><b>Select 9 credits from the following list:</b></p> <p><input type="checkbox"/> CMPSC 431W (CMPSC 221, ENGL 202)</p> <p><input type="checkbox"/> CMPSC 448 (STAT 319 or 415 &amp; CMPSC 122/132)</p> <p><input type="checkbox"/> CMPSC 465 (CMPSC 122; CMPSC 360 or MATH 311W)</p> <p><input type="checkbox"/> STAT/MATH 319 (STAT 318)</p> <p><input type="checkbox"/> STAT 440 (PL SC 309; STAT 415; MATH 220)</p> <p><input type="checkbox"/> STAT 464 (PL SC 309)</p> <p><input type="checkbox"/> DS 320 (DS 220 &amp; 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 &amp; DS 220; Recommended prep of DS 310 or CMPSC 448)</p>	

***\*A grade of C or better is required for all courses above\****

# General Education:

\*\*Grade of at least a C is required for GWS and GQ

## Foundations

### Writing/Speaking (GWS)

\* 9 credits required

- GWS \_\_\_\_\_
- GWS \_\_\_\_\_
- GWS \_\_\_\_\_

### General Quantification (GQ)

\*6 credits required

- MATH 110 or 140 (GQ)
- CMPSC 101, 121/131, 203 (GQ)

\*\*Grade of D or Better is required for below courses

### Breadth of Knowledge:

### Exploration/Integrative Studies:

- General Natural Science (GN)  \_\_\_\_\_
- General Arts (GA)  \_\_\_\_\_
- General Humanities (GH)  \_\_\_\_\_ (Ethics)
- General Social/Behavioral Sciences (GS)  PL SC 1
- General Health and Wellness (GHW)  \_\_\_\_\_

- \_\_\_\_\_  \_\_\_\_\_
- \_\_\_\_\_
- \_\_\_\_\_
- PL SC 10 (GS)

*Complete 3 credits in each category above*  
**\*\*No inter-domain courses (N or Q suffix) may count here**

- At least 3 credits listed above are a GN
- Exploration courses contain either  
6 credits of Inter-domain (N or Q suffix)  
or  
6 credits of Linked (Z suffix) courses

Complete 30 units of General Education coursework in the areas of GN, GA, GH, GS, GHW

*If Needed:* Additional Exploration courses to reach 30 Gen Ed. Credits total:

\_\_\_\_\_

## University Requirements:

*\*These credits may overlap with Gen. Eds, In-major, or BS Fields- Please discuss with your Adviser\**

### United States Cultures

PL SC 1

*\*Grade of C or better required  
if used in-major\**

### International Cultures (IL):

\_\_\_\_\_

### Writing Across the Curriculum

(WAC): \_\_\_\_\_

### First Year Experience (FYS):

\_\_\_\_\_

## Electives:

\_\_\_\_\_  
 \_\_\_\_\_

## Credits Required to Graduate:

Met or surpassed 120.0 credit minimum needed to graduate:

Total Units Earned to Date: \_\_\_\_\_

**\*\*FOR STUDENTS ADMITTED SUMMER 2018 AND AFTER\*\***