

**SAMPLE FOUR-YEAR PLAN for the
BACHELOR OF SCIENCE IN
APPLIED STATISTICS**

Freshman Year

<u>Fall</u>	<u>Credits</u>	<u>Spring</u>	<u>Credits</u>
MATH 125 Experimental Mathematics	3	MATH 162 Calculus II.....	4
MATH 161 Calculus I.....	4	COMP 141 Computer Programming I.....	3
STAT 131 Statistical Methods.....	3	STAT 132 Advanced Statistical Methods.....	3
Writing Requirement or HUMA Course	3	Writing Requirement or HUMA Course	3
General Elective.....	2	General Elective.....	<u>3</u>
HUMA 100 The Humanities: Christian Wisdom.....	<u>1</u>		16
	16		

Sophomore Year

<u>Fall</u>	<u>Credits</u>	<u>Spring</u>	<u>Credits</u>
MATH 210 <u>or</u> MATH 213.....	3-4	MATH 222 Linear Algebra.....	4
MATH 261 Calculus III.....	4	HUMA Course	3
COMP 220 Computer Programming II.....	3	Natural Science with Lab or General Elective.....	4
HUMA Course	3	SSFT Course.....	2
Concentration or General Elective.....	<u>3</u>	Concentration or General Elective.....	<u>3</u>
	16		16

Junior Year

<u>Fall</u>	<u>Credits</u>	<u>Spring</u>	<u>Credits</u>
STAT 331 Theory of Statistics I.....	3	STAT 332 Theory of Statistics II.....	3
COMP 244 Database Mangement Systems.....	3	DSCI 431 Introduction to Big Data.....	3
HUMA Course	3	HUMA Course	3
Foundations of Social Science Course.....	3	Natural Science with Lab or General Elective.....	4
Concentration or General Elective.....	<u>4</u>	Concentration or General Elective.....	<u>3</u>
	16		16

Senior Year

<u>Fall</u>	<u>Credits</u>	<u>Spring</u>	<u>Credits</u>
STAT 412 Data Analysis Research Methods.....	3	STAT 414 Advanced Analytics Methods.....	3
MATH Elective or General Elective.....	3	MATH Elective or General Elective.....	3
HUMA 300 Gospel and the Good Life: Christian Ethics....	2	Concentration or General Electives.....	<u>10</u>
Concentration or General Electives.....	<u>8</u>		16
	16		

A total of at least 128 credits of coursework are required for graduation.