Name:_____ Date:_____

Bachelor of Science in Statistics - Actuarial Science Concentration (BIC)

A Suggested Sequence of Required Courses (2017-2018 Catalog)

Freshman Year					
Fall			Spring		
_____	0	Chapel (CHA 1088)	_____	0	Chapel (CHA 1088)
_____	2	BIC 1212 Examined Life I	_____	3	**STA 2381 Intro. To Stat. Methods**
_____	3	BIC 1314 World Cultures I	_____	3	BIC 1324 World Cultures II
_____	4	BIC 1413 Rhetoric I	_____	3	BIC 1323 Rhetoric II
_____	3	**MTH 1321** (if eligible) Calculus	_____	3	**MTH 1322 Calculus II**
_____	3	**ECO 1380 or 1305**	_____	3	**ACC 2303 Financial Accounting**
Total:	15		Total:	15	
Summer					
First					
_____	4	Lab Science (see below)			
Sophomore Year					
Fall			Spring		
_____	3	BIC 2330 Social World I	_____	3	BIC 2340 Social World II
_____	3	BIC 2334 World Cultures III	_____	3	BIC 2344 World Cultures IV
_____	3	**ACC 2304 Managerial Accounting**	_____	3	**ECO 3306 Int. Microeconomic Analysis**
_____	3	**MTH 2321 Calculus III**	_____	3	**MTH 2311 Linear Algebra**
_____	3	**STA 3381 Probability and Stats.**	_____	3	**STA 4382 Intermediate Stat. Methods**
_____	1	Lifetime Fitness	_____	1	Lifetime Fitness
Total:	16		Total:	16	
Junior Year					
Fall			Spring		
_____	3-4	Foreign Language 1401/12 (see reverse)	_____	3-4	Foreign Language - 1402/2310 (see reverse)
_____	3	**ECO 3307 Int. Macroeconomic Analysi**	_____	4	Lab Science (see below)
_____	3	**FIN 3310 Intro to Corporate Finance**	_____	3	**FIN 3305 Principles of Risk Management**
_____	4	CSI 1430 Intro to Comp. Sci. I w/ Lab	_____	3	**FIN 4311 Fund of Life/Health Insurance**
_____	3	**STA 4385 Mathematical Stats I**	_____	3	**STA 4386 Mathematical Stats II**
Total:	16-17		Total:	16-17	
Senior Year					
Fall			Spring		
_____	3	Foreign Language 2310 (see reverse)	_____	3	Foreign Language 2320 (see reverse)
_____	3	**STA 4387 Intro to Probability Models**	_____	3	**STA 43C9 Capstone**
_____	3	**STA 4373 Computational Methods**	_____	3	**STA 4000 level**
_____	3	**FIN 4320 Fund of Property/Liability Ins**	_____	3	**STA 4000 level**
_____	3	BIC 3358 Biblical Heritage/Ethics	_____	3	**FIN 4366 Options, Futures, Derivatives**
Total:	15		Total:	15	

All students must graduate with a minimum of 124 hours, 36 of which must be at the 3000/4000 level.

Notes about major requirements:

− Lab science (8 hours): One course and lab from: BIO 1305-1105, BIO 1306-1106, CHE 1301-1101, CHE 1302-1102, NSC 1306-1106, PHY 1420, PHY 1430, GEO 1406, ENV 1301-1101, ENV 1303-1103, ENV 2375-2175, ENV 2407; One course and lab from: GEO 1401, GEO 1402, GEO 1403, GEO 1405, 1408

− STA Electives: Choose from STA 1301, 2381, 4370, 4371, 4372, 4373, 4374, 4387, 4V90. STA 4V90 may be taken for a maximum of 6 hours.

− Students who wish to pursue graduate training in statistics are encouraged to take additional advanced hours in mathematics, but a statistics department advisor can help you tailor your electives to your personal and professional goals.

− Students pursuing the Actuarial Science concentration of the Statistics major will select at least 18 hours from the following courses: ECO 1305 or 1380, ACC 2303, ACC 2304, ECO 3306, ECO 3307, FIN 3305, FIN 3310, FIN 4311, FIN 4320, FIN 4366.

− A grade of "C" or better is required for all courses used for the major.

− Check your degree audit often through Bearweb to ensure that you are making timely progress toward your degree.

Name:_____ Date:_____

− For more information, see the undergraduate catalog.