Bachelor of Science (B.S.) Degree with Major in Mathematics

Sample Four-Year Plan Starting in Odd Year

First Ye	ar Fall (0	Odd Year)	First Year Spring (Even Year)		
BBL	1013	Old Testament Survey	BBL	1023	New Testament Survey
COR	1002	Gateway Seminar	EGL	1023	English II: Literary Analysis/Research
EGL	1013	English I: Composition	MTH	1144	Calculus II
MTH	1134	Calculus I		2	Whole Person Wellness Elective
	3	Elective		3	Elective
Tot	al Hours	15	Tot	al Hours	15
Cocond	Voor Fo	ll (Even Year)	Sacand	l Voor Cn	ring (Odd Year)
CS		Introduction to Computing	HST	-	Integrated Humanities II
HST	2013	Integrated Humanities I	MTH		Vector Calculus
MTH	2114	Linear Algebra & Differential Eq.	MTH		Mathematics Elective
MTH		Foundations of Mathematics	IVIII		Elective
IVIII	3	Social/Behavioral Sci. (SBS) Elective		3	Elective
Tot	al Hours		Total Hours 15		
100	ai i ioui s	10	100	ai i ioui s	.15
Third Y	ear Fall ((Odd Year)	Third Y	ear Spri	ng (Even Year)
MTH	2111	Problem-Solving Seminar	BBL	2013	Essentials of Evangelical Theology
MTH	4143	Real Analysis	MTH	3183	Probability & Statistics (or MTH 3173)
PHY	2114	General Physics I	MTH	4123	Abstract Algebra
	3	Arts & Humanities (AH) Elective	PHY	2124	General Physics II
	3	Elective		3	Elective
Tot	al Hours	14	Tot	al Hours	16
Fourth	Year Fal	l (Even Year)	Fourth	Year Spi	ring (Odd Year)
BBL		Essentials of Christian Formation	GSC	-	Faith and Science
MTH	3	Mathematics Elective	MTH	4501	Mathematics Capstone
		SBS or AH Elective (see above)		3	Intercultural Engagement Elective
		Elective		4	Elective
	3	Elective		3	Elective
Tot	al Hours	15	Total Hours 14		

Total Hours for Four Years: 120

Mathematics Electives

MTH 3101 Mathematics Teaching Practicum (Upon request)
MTH 3113 Selected Topics (Upon request)
MTH 3143 Topics in Mathematics Education (Fall, even yrs.)
MTH 3153 Foundations of Geometry (Spring, ODD)
MTH 4310 Mathematics Internship (Every)
MTH 4310 Mathematics Internship (Every)

Revised: 11/20/19 BTG

Bachelor of Science (B.S.) Degree with Major in Mathematics

Sample Four-Year Plan Starting in Even Year

First Year Fall (Even Year)			First Year Spring (Odd Year)				
BBL		Old Testament Survey	BBL	1023	New Testament Survey		
COR		Gateway Seminar	EGL	1023	English II: Literary Analysis/Research		
EGL		English I: Composition	MTH		Calculus II		
MTH		Calculus I			Whole Person Wellness Elective		
	3	Elective		3	Elective		
Tot	al Hours		Tot	tal Hours	=:		
	.ai i i o ai c	, 15		.a. moun	, 10		
Second Year Fall (Odd Year)				Second Year Spring (Even Year)			
HST		Integrated Humanities I	HST	2023	Integrated Humanities II		
MTH		Linear Algebra & Differential Eq.	MTH	2123	Vector Calculus		
MTH		Foundations of Mathematics	MTH	4123	Abstract Algebra		
	3	Social/Behavioral Sci. (SBS) Elective		3	Elective		
	3	Elective		3	Elective		
То	tal Hour	s 16	Total Hours 15				
Third Year Fall (Even Year)							
Third \	Year Fall	(Even Year)	Third '	Year Spr	ing (Odd Year)		
Third Y		(Even Year) Introduction to Computing	Third 'BBL		ing (Odd Year) Essentials of Evangelical Theology		
	1113						
CS	1113 2111	Introduction to Computing	BBL	2013 3183	Essentials of Evangelical Theology		
CS MTH	1113 2111 2114	Introduction to Computing Problem-Solving Seminar	BBL MTH	2013 3183 2124	Essentials of Evangelical Theology Probability & Statistics (or MTH 3173)		
CS MTH	1113 2111 2114	Introduction to Computing Problem-Solving Seminar General Physics I	BBL MTH PHY	2013 3183 2124	Essentials of Evangelical Theology Probability & Statistics (or MTH 3173) General Physics II		
CS MTH PHY	1113 2111 2114 3	Introduction to Computing Problem-Solving Seminar General Physics I Arts & Humanities (AH) Elective Elective	BBL MTH PHY MTH	2013 3183 2124 3	Essentials of Evangelical Theology Probability & Statistics (or MTH 3173) General Physics II Mathematics Elective Elective		
CS MTH PHY	1113 2111 2114 3 3	Introduction to Computing Problem-Solving Seminar General Physics I Arts & Humanities (AH) Elective Elective	BBL MTH PHY MTH	2013 3183 2124 3 3	Essentials of Evangelical Theology Probability & Statistics (or MTH 3173) General Physics II Mathematics Elective Elective		
CS MTH PHY	1113 2111 2114 3 3 tal Hour	Introduction to Computing Problem-Solving Seminar General Physics I Arts & Humanities (AH) Elective Elective	BBL MTH PHY MTH	2013 3183 2124 3 3 tal Hour	Essentials of Evangelical Theology Probability & Statistics (or MTH 3173) General Physics II Mathematics Elective Elective		
CS MTH PHY	1113 2111 2114 3 3 tal Hour	Introduction to Computing Problem-Solving Seminar General Physics I Arts & Humanities (AH) Elective Elective s 14	BBL MTH PHY MTH	2013 3183 2124 3 3 tal Hour	Essentials of Evangelical Theology Probability & Statistics (or MTH 3173) General Physics II Mathematics Elective Elective s 16		
CS MTH PHY To	1113 2111 2114 3 3 tal Hour	Introduction to Computing Problem-Solving Seminar General Physics I Arts & Humanities (AH) Elective Elective s 14	BBL MTH PHY MTH	2013 3183 2124 3 3 tal Hour Year Sp 4133	Essentials of Evangelical Theology Probability & Statistics (or MTH 3173) General Physics II Mathematics Elective Elective s 16 pring (Even Year)		
CS MTH PHY To	1113 2111 2114 3 3 tal Hour Year Fa 2022 4143	Introduction to Computing Problem-Solving Seminar General Physics I Arts & Humanities (AH) Elective Elective s 14 Ill (Odd Year) Essentials of Christian Formation	BBL MTH PHY MTH To	2013 3183 2124 3 3 tal Hour Year Sp 4133	Essentials of Evangelical Theology Probability & Statistics (or MTH 3173) General Physics II Mathematics Elective Elective s 16 pring (Even Year) Faith and Science		
CS MTH PHY To Fourth BBL MTH	1113 2111 2114 3 3 tal Hour • Year Fa 2022 4143 3	Introduction to Computing Problem-Solving Seminar General Physics I Arts & Humanities (AH) Elective Elective s 14 Ill (Odd Year) Essentials of Christian Formation Real Analysis	BBL MTH PHY MTH To	2013 3183 2124 3 tal Hour Year Sp 4133 4501	Essentials of Evangelical Theology Probability & Statistics (or MTH 3173) General Physics II Mathematics Elective Elective s 16 pring (Even Year) Faith and Science Mathematics Capstone		
CS MTH PHY To Fourth BBL MTH	1113 2111 2114 3 3 tal Hour • Year Fa 2022 4143 3	Introduction to Computing Problem-Solving Seminar General Physics I Arts & Humanities (AH) Elective Elective s 14 All (Odd Year) Essentials of Christian Formation Real Analysis Mathematics Elective	BBL MTH PHY MTH To	2013 3183 2124 3 tal Hour Year Sp 4133 4501 3 3	Essentials of Evangelical Theology Probability & Statistics (or MTH 3173) General Physics II Mathematics Elective Elective s 16 pring (Even Year) Faith and Science Mathematics Capstone Intercultural Engagement Elective		
CS MTH PHY To Fourth BBL MTH	1113 2111 2114 3 3 tal Hour 1 Year Fa 2022 4143 3 3	Introduction to Computing Problem-Solving Seminar General Physics I Arts & Humanities (AH) Elective Elective s 14 Ill (Odd Year) Essentials of Christian Formation Real Analysis Mathematics Elective SBS or AH Elective (see above)	BBL MTH PHY MTH To	2013 3183 2124 3 tal Hour Year Sp 4133 4501 3 3	Essentials of Evangelical Theology Probability & Statistics (or MTH 3173) General Physics II Mathematics Elective Elective s 16 oring (Even Year) Faith and Science Mathematics Capstone Intercultural Engagement Elective Elective		
CS MTH PHY To Fourth BBL MTH MTH	1113 2111 2114 3 3 tal Hour 1 Year Fa 2022 4143 3 3	Introduction to Computing Problem-Solving Seminar General Physics I Arts & Humanities (AH) Elective Elective s 14 Ill (Odd Year) Essentials of Christian Formation Real Analysis Mathematics Elective SBS or AH Elective (see above) Elective	BBL MTH PHY MTH To Fourth GSC MTH	2013 3183 2124 3 tal Hour Year Sp 4133 4501 3 3 3	Essentials of Evangelical Theology Probability & Statistics (or MTH 3173) General Physics II Mathematics Elective Elective s 16 Pring (Even Year) Faith and Science Mathematics Capstone Intercultural Engagement Elective Elective Elective Elective Elective		

Total Hours for Four Years: 120

Mathematics Electives

MTH 3101 Mathematics Teaching Practicum (Upon request)
MTH 3113 Math. Modeling & Simulation (Upon request)
MTH 3113 Selected Topics (Upon request)
MTH 3114 Topics in Mathematics Education (Fall, even yrs.)
MTH 3153 Foundations of Geometry (Spring, ODD)
MTH 4310 Mathematics Internship (Every)

Revised: 11/20/19 BTG

Bachelor of Science in Mathematics (B.S.) with an Emphasis in Actuarial Science

Sample Four-Year Plan Starting in Odd Year

First V	ear Fall <i>(</i>	Odd Year)	First V	oar Snrir	ng (Even Year)
BBL	1013	Old Testament Survey	BBL	1023	New Testament Survey
COR	1002	Gateway Seminar	ECN	2123	•
ECN	2113	Principles of Micro (SocialBehav Elective)	EGL	1023	English II: Literary Analysis/Research
EGL	1013	English I: Composition	MTH	1144	Calculus II
MTH	1134	Calculus I		2	Whole Person Wellness Elective
Total Hours 15		To	 tal Hours		
Second	d Year Fa	all (Even Year)	Secon	d Year Sp	oring (Odd Year)
ATG	2173	Principles of Financial Accounting	BUS	2193	Business Statistics
CS	1113	Introduction to Computing	HST	2023	Integrated Humanities II
HST	2013	Integrated Humanities I	MTH	2123	Vector Calculus
MTH	2114	Linear Algebra & Differential Eq.	MTH	3	Mathematics Elective
MTH	3103	Foundations of Mathematics		3	Elective
Total Hours 16		s 16	Total Hours 15		
Third Year Fall (Odd Year)		(Odd Year)	Third Year Spring (Even Year)		
BUS	3113	Spreadsheet Analytics	BBL	2013	Essentials of Evangelical Theology
FIN	3003	Principles of Finance	ECN	3133	Money and Banking
MTH	2111	Problem-Solving Seminar	MTH	3183	Probability & Statistics (or MTH 3173)
MTH	4143	Real Analysis	MTH	4123	Abstract Algebra
PHY	2114	General Physics I (NtScience Elective)	PHY	2124	General Physics II
Total Hours 14		Total Hours 16			
Fourth		ll (Even Year)	Fourth Year Spring (Odd Year) – Major Field Exam		
BBL	2022	Essentials of Christian Formation	FIN	4283	Intermediate Corporate Finance
FIN	3063	Investments	GSC	4133	Faith and Science
MTH	3	Mathematics Elective	MTH	4501	Mathematics Capstone
	3	Arts & Humanities (AH) Elective		3	Intercultural Engagement Elective
	3	Elective		3	SB or AH elective
Total Hours 14			2	Elective	

Total Hours for Four Years: 120

Total Hours 15

Mathematics Electives

MTH 3101 Mathematics Teaching Practicum (Upon request)	MTH 3173 Math. Modeling & Simulation (Upon request)
MTH 3113 Selected Topics (Upon request)	MTH 4113 Selected Topics (Upon request)
MTH 3143 Topics in Mathematics Education (Fall, even yrs.)	MTH 4220-3 Mathematics Research (Every)
MTH 3153 Foundations of Geometry (Spring, ODD)	MTH 4310 Mathematics Internship (Every)

Bachelor of Science in Mathematics (B.S.) with an Emphasis in Actuarial Science

Sample Four-Year Plan Starting in Even Year

First Y	ear Fall ((Even Year)	First Y	ear Sprii	ng (Odd Year)
BBL	1013	Old Testament Survey	BBL	1023	New Testament Survey
COR	1002	Gateway Seminar	ECN	2123	Principles of Macroeconomics
ECN	2113	Principles of Micro (SocialBehavior Elect)	EGL	1023	English II: Literary Analysis/Research
EGL	1013	English I: Composition	MTH	1144	Calculus II
MTH	1134	Calculus I		2	Whole Person Wellness Elective
Total Hours 15		Total Hours 15			
Second	d Year F	all (Odd Year)	Secon	d Year S	pring (Even Year)
ATG	2173	Principles of Financial Accounting	BUS	2193	Business Statistics
HST	2013	Integrated Humanities I	HST	2023	Integrated Humanities II
MTH	2114	Linear Algebra & Differential Eq.	MTH	2123	Vector Calculus
MTH	3103	Foundations of Mathematics	MTH	4123	Abstract Algebra
	3	Elective		3	Intercultural Engagement Elective
Total Hours 16		s 16	Total Hours 15		
Third \	ear Fall	(Even Year)	Third \	rear Spr	ing (Odd Year)
Third \ BUS	/ear Fall 3113	(Even Year) Spreadsheet Analytics	Third \	Year Spr 2013	ing (Odd Year) Essentials of Evangelical Theology
BUS	3113	Spreadsheet Analytics	BBL	2013	Essentials of Evangelical Theology
BUS CS	3113 1113	Spreadsheet Analytics Introduction to Computing	BBL ECN	2013 3133	Essentials of Evangelical Theology Money and Banking
BUS CS FIN	3113 1113 3003	Spreadsheet Analytics Introduction to Computing Principles of Finance	BBL ECN MTH	2013 3133 3183	Essentials of Evangelical Theology Money and Banking Probability & Statistics (or MTH 3173)
BUS CS FIN MTH	3113 1113 3003 2111	Spreadsheet Analytics Introduction to Computing Principles of Finance Problem-Solving Seminar	BBL ECN MTH MTH PHY	2013 3133 3183 3	Essentials of Evangelical Theology Money and Banking Probability & Statistics (or MTH 3173) Mathematics Elective General Physics II
BUS CS FIN MTH PHY	3113 1113 3003 2111 2114	Spreadsheet Analytics Introduction to Computing Principles of Finance Problem-Solving Seminar General Physics I (NtScience Elective) Elective	BBL ECN MTH MTH PHY	2013 3133 3183 3 2124	Essentials of Evangelical Theology Money and Banking Probability & Statistics (or MTH 3173) Mathematics Elective General Physics II
BUS CS FIN MTH PHY	3113 1113 3003 2111 2114 2	Spreadsheet Analytics Introduction to Computing Principles of Finance Problem-Solving Seminar General Physics I (NtScience Elective) Elective	BBL ECN MTH MTH PHY	2013 3133 3183 3 2124	Essentials of Evangelical Theology Money and Banking Probability & Statistics (or MTH 3173) Mathematics Elective General Physics II
BUS CS FIN MTH PHY	3113 1113 3003 2111 2114 2 tal Hour	Spreadsheet Analytics Introduction to Computing Principles of Finance Problem-Solving Seminar General Physics I (NtScience Elective) Elective	BBL ECN MTH MTH PHY	2013 3133 3183 3 2124 tal Hours	Essentials of Evangelical Theology Money and Banking Probability & Statistics (or MTH 3173) Mathematics Elective General Physics II
BUS CS FIN MTH PHY	3113 1113 3003 2111 2114 2 tal Hour	Spreadsheet Analytics Introduction to Computing Principles of Finance Problem-Solving Seminar General Physics I (NtScience Elective) Elective s 16	BBL ECN MTH MTH PHY	2013 3133 3183 3 2124 tal Hours	Essentials of Evangelical Theology Money and Banking Probability & Statistics (or MTH 3173) Mathematics Elective General Physics II s 16
BUS CS FIN MTH PHY	3113 1113 3003 2111 2114 2 tal Hour	Spreadsheet Analytics Introduction to Computing Principles of Finance Problem-Solving Seminar General Physics I (NtScience Elective) Elective s 16	BBL ECN MTH MTH PHY To	2013 3133 3183 3 2124 tal Hours	Essentials of Evangelical Theology Money and Banking Probability & Statistics (or MTH 3173) Mathematics Elective General Physics II 5 16 Oring (Even Year) – Major Field Exam
BUS CS FIN MTH PHY To:	3113 1113 3003 2111 2114 2 tal Hour Year Fa 2022 3063	Spreadsheet Analytics Introduction to Computing Principles of Finance Problem-Solving Seminar General Physics I (NtScience Elective) Elective s 16 Ill (Odd Year) Essentials of Christian Formation	BBL ECN MTH MTH PHY Tot	2013 3133 3183 3 2124 tal Hours	Essentials of Evangelical Theology Money and Banking Probability & Statistics (or MTH 3173) Mathematics Elective General Physics II s 16 pring (Even Year) – Major Field Exam Intermediate Corporate Finance
BUS CS FIN MTH PHY To:	3113 1113 3003 2111 2114 2 tal Hour Year Fa 2022 3063	Spreadsheet Analytics Introduction to Computing Principles of Finance Problem-Solving Seminar General Physics I (NtScience Elective) Elective s 16 Ill (Odd Year) Essentials of Christian Formation Investments	BBL ECN MTH MTH PHY Tot	2013 3133 3183 3 2124 tal Hours 1 Year Sp 4283 4133	Essentials of Evangelical Theology Money and Banking Probability & Statistics (or MTH 3173) Mathematics Elective General Physics II s 16 Pring (Even Year) – Major Field Exam Intermediate Corporate Finance Faith and Science
BUS CS FIN MTH PHY To Fourth BBL FIN MTH MTH	3113 1113 3003 2111 2114 2 tal Hour Year Fa 2022 3063 4143	Spreadsheet Analytics Introduction to Computing Principles of Finance Problem-Solving Seminar General Physics I (NtScience Elective) Elective s 16 Ill (Odd Year) Essentials of Christian Formation Investments Real Analysis Mathematics Elective Arts & Humanities (AH) Elective	BBL ECN MTH MTH PHY To:	2013 3133 3183 3 2124 tal Hours 1 Year Sp 4283 4133 4501	Essentials of Evangelical Theology Money and Banking Probability & Statistics (or MTH 3173) Mathematics Elective General Physics II s 16 pring (Even Year) — Major Field Exam Intermediate Corporate Finance Faith and Science Mathematics Capstone SB or AH Elective Elective

Total Hours for Four Years: 120

Mathematics Electives

MTH 3101 Mathematics Teaching Practicum (Upon request) MTH 3173 Math. Modeling & Simulation (Upon re	-1 /
MTH 3113 Selected Topics (Upon request) MTH 4113 Selected Topics (Upon request)	
MTH 3143 Topics in Mathematics Education (Fall, even yrs.) MTH 4220-3 Mathematics Research (Every)	
MTH 3153 Foundations of Geometry (Spring, ODD) MTH 4310 Mathematics Internship (Every)	

Revised: 11/20/19 BTG