

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

Sample Four-Year Plan Starting in Odd Year

First Year Fall (Odd Year)

BBL	1013	Old Testament Survey
COR	1002	Gateway Seminar
EGL	1013	English I: Composition
MTH	1163	Calculus I (Mathematics Elective)
	___3	Elective
Total Hours 14		

First Year Spring (Even Year)

BBL	1023	New Testament Survey
EGL	1023	English II: Literary Analysis/Research
MTH	1173	Calculus II
	___3	Elective
	___3	Elective
Total Hours 15		

Second Year Fall (Even Year)

HST	2013	Integrated Humanities I
MTH	2111	Problem-Solving Seminar
MTH	2113	Calculus III
MTH	3103	Foundations of Mathematics
	___2	Whole Person Wellness Elective
	___3	Elective
Total Hours 15		

Second Year Spring (Odd Year)

HST	2023	Integrated Humanities II
MTH	2123	Vector Calculus
MTH	3153	Foundations of Geometry
	___3	Elective
	___3	Elective
Total Hours 15		

Third Year Fall (Odd Year)

MTH	4143	Real Analysis†
PHY	2213	General Physics I (Nat. Sci. Elective)
PHY	2211	General Physics I Lab
MTH	3113	Selected Topics
MTH	3183	Probability & Statistics (or MTH 3173)
	___3	Social/Behavioral Sci. (SBS) Elective
Total Hours 16		

Third Year Spring (Even Year)

BBL	2013	Essentials of Evangelical Theology
MTH	3133	Linear Alg. & Differential Eq.
MTH	4123	Abstract Algebra†
PHY	2313	General Physics II (Nat. Sci. Elective)
PHY	2311	General Physics II Lab
	___3	Arts & Humanities (AH) Elective
Total Hours 16		

Fourth Year Fall (Even Year)

BBL	2022	Essentials of Christian Formation
CS	1113	Introduction to Computing
	___3	SBS or AH Elective (see above)
	___3	Elective
	___3	Elective
Total Hours 14		

Fourth Year Spring (Odd Year)

GSC	4133	Faith and Science
	___3	Intercultural Engagement Elective
	___3	Elective
	___3	Elective
	___3	Elective
Total Hours 15		

Total Hours for Four Years: 120

† Note: The order of alternate year courses will differ depending on whether a student begins his/her studies at JBU in an odd or even year.

Mathematics Electives

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

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

Sample Four-Year Plan Starting in Even Year

First Year Fall (Even Year)

BBL	1013	Old Testament Survey
COR	1002	Gateway Seminar
EGL	1013	English I: Composition
MTH	1163	Calculus I (Mathematics Elective)
	___3	Elective
Total Hours 14		

First Year Spring (Odd Year)

BBL	1023	New Testament Survey
EGL	1023	English II: Literary Analysis/Research
MTH	1173	Calculus II
	___3	Elective
	___3	Elective
Total Hours 15		

Second Year Fall (Odd Year)

CS	1113	Introduction to Computing
HST	2013	Integrated Humanities I
MTH	2113	Calculus III
	___3	Social/Behavioral Sci. (SBS) Elective
	___3	Elective
Total Hours 15		

Second Year Spring (Even Year)

HST	2023	Integrated Humanities II
MTH	2123	Vector Calculus
	___3	Elective
	___3	Elective
	___3	Elective
Total Hours 15		

Third Year Fall (Even Year)

MTH	2111	Problem-Solving Seminar
MTH	3103	Foundations of Mathematics
MTH	3183	Probability & Statistics (or MTH 3173)
PHY	2213	General Physics I (Nat. Sci. Elective)
PHY	2211	General Physics I Lab
	___2	Whole Person Wellness Elective
	___3	Arts & Humanities (AH) Elective
Total Hours 16		

Third Year Spring (Odd Year)

BBL	2013	Essentials of Evangelical Theology
MTH	3133	Linear Alg. & Differential Eq.
PHY	2313	General Physics II (Nat. Sci. Elective)
PHY	2311	General Physics II Lab
MTH	3153	Foundations of Geometry
	___3	Elective
Total Hours 16		

Fourth Year Fall (Odd Year)

BBL	2022	Essentials of Christian Formation
MTH	4143	Real Analysis†
MTH	3113	Selected Topics
	___3	SBS or AH Elective (see above)
	___3	Elective
Total Hours 14		

Fourth Year Spring (Even Year)

GSC	4133	Faith and Science
MTH	4123	Abstract Algebra
	___3	Intercultural Engagement Elective
	___3	Elective
	___3	Elective
Total Hours 15		

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