

FINISH IN FOUR DEGREE PLAN
B.S. MATHEMATICS [PLE 3]

Starting with Pre-Calculus (Even Fall)

Note: This plan represents one path to completion of this degree in four years. For specific course offerings for each semester, view "Search for Sections" online in Web Services on the JSC Portal. Also, be sure to consult regularly over time with your advisor to explore your best options and opportunities.

FRESHMAN YEAR

FALL 2016		CREDITS	SPRING 2017		CREDITS
MAT 1320	Pre-Calculus (<i>must take this semester</i>)	3	MAT 1531	Calculus I* (<i>must take this semester</i>)	4
MAT 2030	Probability & Statistics*	3	ENG 1072	Exposition & Analysis	3
ENG 1071	College Writing	3	GEC	Global Perspective	3
GEC	First Year Seminar	3	GEC	Aesthetic Perspective	3
GEC	Social & Historical Perspective	3	INT 1001	Creative Audience	.5
INT 1001	Creative Audience	.5	Any Level	Elective	3
GRS 2000	QR Assessment	0	ENG 3999	Writing Proficiency Exam	0
GRS 3000	TILT	0			
Total Credits		15.5	Total Credits		16.5

SOPHOMORE YEAR

FALL 2017		CREDITS	SPRING 2018		CREDITS
MAT 2532	Calculus II* (<i>fall only</i>)	4	MAT 2020	Mathematical Reasoning* (<i>spring only</i>)	3
MAT 3210	Linear Algebra* (<i>fall only</i>)	3	MAT 2533	Calculus III* (<i>even spring only</i>)	4
Any Level	Elective	3	MAT 4140	Geometry* (<i>even spring only</i>)	3
Any Level	Elective	3	GEC	Global Perspective	3
GRS	<i>Complete Oral Communication Standard</i> ★	0	Any Level	Elective	3
				Take math core assessment	0
Total Credits		13	Total Credits		16

JUNIOR YEAR

FALL 2018		CREDITS	SPRING 2019		CREDITS
MAT 3240	Prob. Theory with Stats* (<i>even fall only</i>)	3	MAT 4130	Abstract Algebra* (<i>odd spring only</i>)	3
INT 3150	Gödel, Escher, Bach (<i>even fall only; GEC AP</i>)	3	GRS	QE Class	3
3000/4000	Upper-Level Elective	3	GEC	Social & Historical Perspective	3
PHY 1041	Physics I (<i>GEC Lab Science</i>)**	4	3000/4000	Upper-Level Elective	3
Any Level	Elective	3	Any Level	Elective	3
			GRS	<i>Complete Oral Communication Standard</i> ★	0
Total Credits		16	Total Credits		15

SENIOR YEAR

FALL 2019		CREDITS	SPRING 2020		CREDITS
MAT 3310	Differential Equations* (<i>odd fall only</i>)	3	MAT 4930	Senior Project*	3
3000/4000	Upper-Level Elective	3	3000/4000	Upper-Level Elective	3
3000/4000	Upper-Level Elective	3	3000/4000	Upper-Level Elective	3
GEC	Civic Perspective	3	Any Level	Elective	3
Any Level	Elective	3	Any Level	Elective	1
Total Credits		15	Total Credits		13

CREDIT TOTAL 120

*Students must earn a grade of "C" or higher in these courses.

**Students may opt to take CIS 2271 Java Programming instead of PHY 1041. However, if this is done they will have to take another course in order to fulfill their Natural Science General Education requirement.

★ These can be completed in any semester. Be sure to complete two before graduating.

GRS = Graduation Standard
GEC = General Education Class
QE = Quantitatively Enriched

For a complete list of all requirements for this major, visit JSC's online catalog at <http://catalog.jsc.edu>. Then select ACADEMIC PROGRAMS in the left sidebar and choose this major from the list given.