MATHEMATICS, BACHELOR OF SCIENCE WITH A CONCENTRATION IN STATISTICS (B.S.)

Freshman Year		
1st Semester		Credit Hours
ENGL 110	Composition I	3
MATH 260	Calculus I	4
CSCI 150	Programming I	3
CSCI 151	Programming 1 Lab	1
	tives (http://catalog.vsu.edu/undergraduate/general- ams/#gescienceelectivestext)	4
	Credit Hours	15
2nd Semester	5.541.1.541.5	
	ives (http://catalog.vsu.edu/undergraduate/general- ams/#gehistoryelectivestext)	3
ENGL 111	Composition II	3
MATH 261	Calculus II	4
MATH 284	Discrete Mathematics I	3
GE Science Flec	tives (http://catalog.vsu.edu/undergraduate/general-	4
education-progra Science	ams/#gescienceelectivestext) BIOL/CHEM/PHYS Laboratory	·
	Credit Hours	17
Sophomore Year	,	
1st Semester		
MATH 325	Linear Algebra	3
MATH 360	Calculus III	4
	ectives (http://catalog.vsu.edu/undergraduate/general- ams/#geliteratureelectivestext)	3
	Electives (http://catalog.vsu.edu/undergraduate/general-	3
education-progra	ams/#geselectivestext) ctive ^{or Minor Related Course}	
Unrestricted Elec		3
2nd Semester	Credit Hours	16
STAT 330	Dunkahility and Ctatistics I	3
	Probability and Statistics I	3
	ce Electives (http://catalog.vsu.edu/undergraduate/general- ams/#gesocialscienceelectivestext)	2
		3
Unrestricted Elec	ctive or Minor Related Course	
Unrestricted Electi	ctive or Minor Related Course	3 3
Restricted Electi	ctive ^{or Minor} Related Course ive MATH/STAT Course	3
Restricted Election GE Wellness/He	ctive or Minor Related Course	3
Restricted Electi GE Wellness/He education-progra GE Global Studie	ctive or Minor Related Course ive MATH/STAT Course alth Electives (http://catalog.vsu.edu/undergraduate/general- ams/#gewellnesshealthtext) es Electives (http://catalog.vsu.edu/undergraduate/general-	3
Restricted Electi GE Wellness/He education-progra GE Global Studie	ctive or Minor Related Course live MATH/STAT Course alth Electives (http://catalog.vsu.edu/undergraduate/general- ams/#gewellnesshealthtext) es Electives (http://catalog.vsu.edu/undergraduate/general- ams/#geglobalstudiestext)	3 3 2
Restricted Electi GE Wellness/He education-progra GE Global Studie education-progra	ctive or Minor Related Course ive MATH/STAT Course alth Electives (http://catalog.vsu.edu/undergraduate/general- ams/#gewellnesshealthtext) es Electives (http://catalog.vsu.edu/undergraduate/general-	3 3 2
Restricted Electi GE Wellness/He education-progra GE Global Studie education-progra Junior Year	ctive or Minor Related Course live MATH/STAT Course alth Electives (http://catalog.vsu.edu/undergraduate/general- ams/#gewellnesshealthtext) es Electives (http://catalog.vsu.edu/undergraduate/general- ams/#geglobalstudiestext)	3 3 2 3
Restricted Electi GE Wellness/He education-progra GE Global Studie education-progra Junior Year 1st Semester	ctive or Minor Related Course five MATH/STAT Course alth Electives (http://catalog.vsu.edu/undergraduate/general- ams/#gewellnesshealthtext) es Electives (http://catalog.vsu.edu/undergraduate/general- ams/#geglobalstudiestext) Credit Hours	3 3 2 3
Restricted Electi GE Wellness/He education-progra GE Global Studie education-progra Junior Year 1st Semester MATH 350	ctive or Minor Related Course live MATH/STAT Course alth Electives (http://catalog.vsu.edu/undergraduate/general- ams/#gewellnesshealthtext) es Electives (http://catalog.vsu.edu/undergraduate/general- ams/#geglobalstudiestext) Credit Hours Differential Equations	3 3 2 3 17
Restricted Electi GE Wellness/He education-progra GE Global Studie education-progra Junior Year 1st Semester MATH 350 Unrestricted Elec	ctive or Minor Related Course live MATH/STAT Course allth Electives (http://catalog.vsu.edu/undergraduate/general- ams/#gewellnesshealthtext) es Electives (http://catalog.vsu.edu/undergraduate/general- ams/#geglobalstudiestext) Credit Hours Differential Equations ctive or Minor Related Course	3 3 2 3 17
Restricted Electi GE Wellness/He education-progra GE Global Studie education-progra Junior Year 1st Semester MATH 350 Unrestricted Electi Restricted Electi	ctive or Minor Related Course ive MATH/STAT Course alth Electives (http://catalog.vsu.edu/undergraduate/general- ams/#gewellnesshealthtext) as Electives (http://catalog.vsu.edu/undergraduate/general- ams/#geglobalstudiestext) Credit Hours Differential Equations ctive or Minor Related Course ive MATH/STAT Course	3 3 2 3 17
Restricted Electi GE Wellness/He education-progra GE Global Studie education-progra Junior Year 1st Semester MATH 350 Unrestricted Electi MATH 300	ctive or Minor Related Course ive MATH/STAT Course alth Electives (http://catalog.vsu.edu/undergraduate/general- ams/#gewellnesshealthtext) es Electives (http://catalog.vsu.edu/undergraduate/general- ams/#geglobalstudiestext) Credit Hours Differential Equations ctive or Minor Related Course ive MATH/STAT Course Foundation of Mathematics	3 3 2 3 17 3 3 3 3
Restricted Electi GE Wellness/He education-progra GE Global Studie education-progra Junior Year 1st Semester MATH 350 Unrestricted Electi MATH 300	ctive or Minor Related Course five MATH/STAT Course alth Electives (http://catalog.vsu.edu/undergraduate/general- ams/#gewellnesshealthtext) es Electives (http://catalog.vsu.edu/undergraduate/general- ams/#geglobalstudiestext) Credit Hours Differential Equations ctive or Minor Related Course foundation of Mathematics ctive or Minor Related Course foundation of Mathematics ctive or Minor Related Course	3 3 2 3 17 3 3 3 3 3
Restricted Electi GE Wellness/He education-progra GE Global Studie education-progra Junior Year 1st Semester MATH 350 Unrestricted Electi MATH 300 Unrestricted Electi Unrestricted Election	ctive or Minor Related Course ive MATH/STAT Course alth Electives (http://catalog.vsu.edu/undergraduate/general- ams/#gewellnesshealthtext) es Electives (http://catalog.vsu.edu/undergraduate/general- ams/#geglobalstudiestext) Credit Hours Differential Equations ctive or Minor Related Course ive MATH/STAT Course Foundation of Mathematics	3 3 2 3 17 3 3 3 3
Restricted Electi GE Wellness/He education-progra GE Global Studie education-progra Junior Year 1st Semester MATH 350 Unrestricted Electi MATH 300 Unrestricted Electi MATH 300 Unrestricted Electi 2nd Semester	ctive or Minor Related Course ive MATH/STAT Course alth Electives (http://catalog.vsu.edu/undergraduate/general- ams/#gewellnesshealthtext) es Electives (http://catalog.vsu.edu/undergraduate/general- ams/#geglobalstudiestext) Credit Hours Differential Equations ctive or Minor Related Course ive MATH/STAT Course Foundation of Mathematics ctive or Minor Related Course Credit Hours Credit Hours	3 3 2 3 17 3 3 3 3 3 3
Restricted Electi GE Wellness/He education-progra GE Global Studie education-progra Junior Year 1st Semester MATH 350 Unrestricted Electi MATH 300 Unrestricted Electi Unrestricted Electi Unrestricted Electi MATH 400	ctive or Minor Related Course ive MATH/STAT Course alth Electives (http://catalog.vsu.edu/undergraduate/general- ams/#gewellnesshealthtext) es Electives (http://catalog.vsu.edu/undergraduate/general- ams/#geglobalstudiestext) Credit Hours Differential Equations ctive or Minor Related Course five MATH/STAT Course Foundation of Mathematics ctive or Minor Related Course Credit Hours Advanced Calculus I	3 3 2 3 17 3 3 3 3 3 15
Restricted Electi GE Wellness/He education-progra GE Global Studie education-progra Junior Year 1st Semester MATH 350 Unrestricted Electi MATH 300 Unrestricted Electi MATH 400 Unrestricted Electi MATH 400 Unrestricted Electi Unrestricted Electi MATH 400 Unrestricted Electi Unrestricted Electi MATH 400 Unrestricted Electi Unrestricted Electi MATH 400 Unrestricted Election	ctive or Minor Related Course five MATH/STAT Course alth Electives (http://catalog.vsu.edu/undergraduate/general- ams/#gewellnesshealthtext) as Electives (http://catalog.vsu.edu/undergraduate/general- ams/#geglobalstudiestext) Credit Hours Differential Equations ctive or Minor Related Course five MATH/STAT Course Foundation of Mathematics ctive or Minor Related Course Credit Hours Advanced Calculus I ctive or Minor Related Course	3 3 2 3 17 3 3 3 3 3 15
Restricted Electi GE Wellness/He education-progra GE Global Studie education-progra Junior Year 1st Semester MATH 350 Unrestricted Electi MATH 300 Unrestricted Electi MATH 400 Unrestricted Electi Restricted Electi Restricted Electi MATH 400 Unrestricted Electi Restricted Electi Restricted Electi Restricted Electi	ctive or Minor Related Course ive MATH/STAT Course alth Electives (http://catalog.vsu.edu/undergraduate/general- ams/#gewellnesshealthtext) es Electives (http://catalog.vsu.edu/undergraduate/general- ams/#geglobalstudiestext) Credit Hours Differential Equations ctive or Minor Related Course five MATH/STAT Course Foundation of Mathematics ctive or Minor Related Course Credit Hours Advanced Calculus I	3 3 2 3 17 3 3 3 3 3 15

Unrestricted Elective or Minor Related Course	3
Credit Hours	15
Senior Year	
1st Semester	
MATH 425 Abstract Algebra I	3
Unrestricted Elective MATH/STAT Course	3
Restricted Elective or Minor Related Course	3-6
Unrestricted Elective or Minor Related Course	3
Credit Hours	12-15
2nd Semester	
MATH 495 Senior Project	3
Unrestricted Elective or Minor Related Course	3
Unrestricted Elective or Minor Related Course Unrestricted Elective or Minor Related Course	
Unrestricted Elective or Minor Related Course	3
Unrestricted Elective or Minor Related Course Unrestricted Elective or Minor Related Course	3

¹ MATH 280 could be taken in place of MATH 284

General Education Requirements for the B.S. Degree

Code	Title	Credit
		Hours

GE English Electives (http://catalog.vsu.edu/undergraduate/general-education-programs/#geenglishelectivestext)

GE Global Studies Electives (http://catalog.vsu.edu/undergraduate/ qeneral-education-programs/#qeqlobalstudiestext)

GE History Electives (http://catalog.vsu.edu/undergraduate/general-education-programs/#gehistoryelectivestext)

GE Humanities Electives (http://catalog.vsu.edu/undergraduate/ general-education-programs/#geselectivestext)

GE Literature Electives (http://catalog.vsu.edu/undergraduate/general-education-programs/#geliteratureelectivestext)

GE Science Electives (http://catalog.vsu.edu/undergraduate/general-education-programs/#gescienceelectivestext)

GE Social Science Electives (http://catalog.vsu.edu/undergraduate/ general-education-programs/#gesocialscienceelectivestext)

GE Wellness/Health Electives (http://catalog.vsu.edu/ undergraduate/general-education-programs/#gewellnesshealthtext)

GE Mathematics Electives (http://catalog.vsu.edu/undergraduate/general-education-programs/#gemathematicselectivestext)

Total Requirements Semester Hours: 33

A single course may simultaneously fulfill a general education requirement and a departmental or major/minor requirement. A single course cannot be used to fulfill more than one general education requirement. Department or major/minor areas may opt to exceed the minimum credit hour requirements above.

Code	Title	Credit Hours
MATH 284	Discrete Mathematics I	3
MATH 300	Foundation of Mathematics	3
MATH 325	Linear Algebra	3
MATH 350	Differential Equations	3
MATH 360	Calculus III	4
MATH 400	Advanced Calculus I	3

MATH 425	Abstract Algebra I	3
MATH 495	Senior Project	1-3
STAT 330	Probability and Statistics I	3
or MATH 340	Euclidean & Noneuclid Geomet I	
Total Credit Hour	s	26-28
Code	Title	Credit Hours
CSCI 150	Programming I	3
CSCI 151	Programming 1 Lab	1
Concentration Re	elated Courses Determined under Advisor's guidance	21
BIOL/CHEM/PHY	'S Laboratory Science Determined under Advisor's guida	ance 4
Total Credit Hour	s	29
Code	Title	Credit Hours
Code Unrestricted Elec		0.00
	tives	Hours
Unrestricted Elec	tives /es	Hours 12
Unrestricted Elec	tives /es	Hours 12 15-18
Unrestricted Elective Restricted Elective Total Credit Hour	tives ves s	Hours 12 15-18 27-30 Credit
Unrestricted Elective Restricted Elective Total Credit Hour Code	tives ves s Title	Hours 12 15-18 27-30 Credit Hours
Unrestricted Elective Restricted Elective Total Credit Hour Code General Education Core Requirement	tives ves s Title	Hours 12 15-18 27-30 Credit Hours 35
Unrestricted Elective Restricted Elective Total Credit Hour Code General Education Core Requirement	tives ves s Title n	Hours 12 15-18 27-30 Credit Hours 35 32