

MATHEMATICS, BACHELOR OF SCIENCE WITH A MINOR IN SECONDARY EDUCATION (B.S.)

Freshman Year

1st Semester		Credit Hours
BIOL/CHEM/PHYS	Laboratory Science	4
ENGL 110	Composition I	3
CSCI 150	Programming I	3
CSCI 151	Programming 1 Lab	1
MATH 260	Calculus I	4
Credit Hours		15

2nd Semester

MATH 261	Calculus II	4
ENGL 111	Composition II	3
Wellness/Health		2
History Elective		3
BIOL/CHEM/PHYS	Laboratory Science	4
Credit Hours		16

Sophomore Year

1st Semester		Credit Hours
EDUC 201	Seminar in Education	3
MATH 360	Calculus III	4
MATH 284	Discrete Mathematics I	3
PSYC 212	Human Growth & Development	3
STAT 330	Probability and Statistics I	3
Credit Hours		16

2nd Semester

EDUC 202	Foundations of Education	3
IDST 200	Digital Media Teacher Educatio	3
MATH 299	Introd Problem Solving Seminar	3
MATH 300	Foundation of Mathematics	3
Literature Elective		3
MATH/STAT	Elective	3
Credit Hours		18

Junior Year

1st Semester		Credit Hours
Foreign Language		3
EDUC 315	Data Driven Instructional Desi	3
MATH 325	Linear Algebra	3
MATH 395	Math Problem Solving Seminar	3
MATH 470	History Of Mathematics	3
Credit Hours		15

2nd Semester

MATH 340	Euclidean & Noneuclid Geomet I	3
MATH 350	Differential Equations	3
SPED 403	Classroom Mgmt Ed Setting (FE)	3
MATH/STAT	Elective (300 or higher)	3
Foreign Language		3
Credit Hours		15

Senior Year

1st Semester		Credit Hours
EDUC 424	Culturally Responsive Pedagogy	2
EDUC 427	Reading In The Subject Area	3
MAED 473	Teach Math Secondary Schools I	3
MATH 400	Advanced Calculus I	3

MATH 425	Abstract Algebra I	3
Credit Hours		14
2nd Semester		
EDUC 401	Student Teaching Seminar	3
EDUC 402	Student Teaching FE	9
MAED 402	Student Teaching In Mathematic	3
Credit Hours		15
Total Credit Hours		124

General Education Requirements for the B.S. Degree

Code	Title	Credit Hours
GE English Electives (http://catalog.vsu.edu/undergraduate/general-education-programs/#geenglishselectivestext)		
GE Global Studies Electives (http://catalog.vsu.edu/undergraduate/general-education-programs/#geglobalstudiestext)		
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 Hours		26-28

Code	Title	Credit Hours
CSCI 150	Programming I	3
CSCI 151	Programming 1 Lab	1
SCIENCE COURSE & LAB	AGRI/BIOI/CHEM/PHYS	4
Concentration Courses	Determined with Advisor	9
Total Credit Hours		17

Code	Title	Credit Hours
	Unrestricted Elective	12
	Restricted Elective	15-18
Total Credit Hours		27-30

Code	Title	Credit Hours
	General Education	35
	Core Requirements	32
	Major/Concentration Requirements	17
	Electives	36
Total Credit Hours		120