

VIRGINIA UNION UNIVERSITY
 MATHEMATICS with COMPUTER SCIENCE MINOR – B.S. DEGREE PROGRAM OF STUDY

Freshman Year

Fall Semester

	Course Name	Hours
CSC 200	Intro to CS	3
CHE 101	General Chemistry I	4
MAT 170	Pre-Calculus/ Functions	4
ENG 101	Freshman Comp I	3
GST 004	Freshman Orientation	1
HLH/PED 101	Personal Wellness	1
Total Hours		16

Spring Semester

	Course Name	Hours
CSC 201	Programming I	3
SCI 151	Intro. Physical Sciences	4
MAT 175	Pre-Calculus/Trig.	4
ENG 102	Freshman Comp II	3
HIS 145 or 146	World Civilization I or II	3
Total Hours		17

Sophomore Year

	Course Name	Hours
MAT 214	Calculus I	4
MAT 315	Discrete Math	3
CSC 205	Application Design I	3
SPD 203 /217	Speech	2 or 3
	Foreign Lang. 101	3
HLH or PED	Personal Wellness	1
Total Hours		16 or 17

	Course Name	Hours
MAT 216	Calculus II	4
CSC 305	Application Design II	3
Soc Sci (ECO 231)	Economics	3
HUM 225 or 226	Literature I	3
	Foreign Lang. 102	3
Total Hours		16

Junior Year

	Course Name	Hours
MAT 331	Probability & Stat I	3
MAT 322	Multivariate Calculus	4
PHY 251	University Physics	4
	Soc Sci II	3
	Literature II	3
Total Hours		17

	Course Name	Hours
MAT 332	Probability & Stat II	3
MAT 221	Linear Algebra	3
PHY 252	University Physics II	4
	Afr. Amer. Heritage	3
Elective	Free	1
Total Hours		14

Senior Year

	Course Name	Hours
MAT 428	Advanced Calculus I	3
CSC 310	Data Structures	3
CSC 321	Internet Programming	3
	Soc Sci III	3
Total Hours		12

	Course Name	Hours
MAT 327	Differential Equations	3
MAT 450	Numerical Analysis	3
Elective	Computer Science	3
Elective	Restricted	3
Total Hours		12

Total minimum hours required for degree completion	120 or 121
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