



CONCENTRATION IN APPLIED MATHEMATICS

B.S. Mathematics

2019 - 2020

FALL YEAR 1	CREDITS	SPRING YEAR 1	CREDITS	NOTES
MATH 113	4	MATH 114	4	*S.B.S. = Social and
Core (Written)	3	MATH 125	3	Behavioral Science
Core (Oral)	3	Core (W.C.)	3	*W.C. = Western Civ.
Core (S.B.S.)	3	SCI 1a	4	*G.U. = Global
Core (Arts)	3	Core (G.U.)	3	Understanding
UNIV 100	1			*SCI =First of two year-
Total:	17 credits	Total:	17 credits	long sequences**

FALL YEAR 2	CREDITS	SPRING YEAR 2	CREDITS	NOTES
MATH 213 or 215	3	MATH 214 or 216	3	*Some Literature
MATH 203	3	MATH 290	3	courses have a
C.S. 112	4	Core (Lit)	3	required pre-requisite
SCI 1b	4	SCI 2a	4	of 45 completed
IT Ethics	1	General Elective	3	credits.
Total:	15 credits	Total:	16 credits	

FALL YEAR 3	CREDITS	SPRING YEAR 3	CREDITS	NOTES
MATH 322	3	MATH 351	3	*UL – Upper level
MATH 315	3	MATH 446	3	
SCI 2b	4	General Elective	3	
ENGH 302	3	General Elective (UL)	3	
General Elective	3	General Elective (UL)	3	
Total:	16 credits	Total:	15 credits	

FALL YEAR 4	CREDITS	SPRING YEAR 4	CREDITS	NOTES
MATH 413	3	MATH 414	3	
MATH 3xx	3	MATH 3xx	3	
General Elective	3	MATH 400 (Synthesis)	3	
General Elective (UL)	3	General Elective (UL)	3	
General Elective (UL)	3			
Total:	15 credits	Total:	12 credits	

\*Students must earn 120 credits for graduation; 45 credits must be upper-level (courses 300+).

\*\*Approved science sequences are CHEM 211/213 and CHEM 212/214, GEOL 101 and GEOL 102, or PHYS 160/161 and PHYS 260/261. See catalog for more details.