

NEVADA STATE COLLEGE ❖ SCHOOL OF LIBERAL ARTS & SCIENCES
2020-2021 BACHELOR OF MATHEMATICS
SUGGESTED SEQUENCE OF COURSES

Fall I Semester (13 credits)	
MATH 181 – Calculus 1 (Math Core Curriculum)	4
ENG 101 – Composition 1 (English Core Curriculum)	3
CEP 123 – College and Career Success (Study and Technology Skills Core Curriculum)	2
PHYS 151 – General Physics 1 (Natural Sciences Core Curriculum)	3
PHYS 151L – General Physics 1 Lab (Natural Sciences Core Curriculum)	1
Spring I Semester (16 credits)	
MATH 182 – Calculus 2 (Math Requirement)	4
MATH 301 – Introduction to Proofs (Math Requirement)	3
ENG 102 – Composition 2 (English Core Curriculum)	3
PHYS 152 – General Physics 2 (Natural Sciences Core Curriculum)	3
Open Elective	3
Fall II Semester (15 credits)	
MATH 427 – Differential Equations (Math Requirement)	3
MATH 455 – Introduction to Number Theory (Math Elective)	3
ANTH 101 – Introduction to Cultural Anthropology (Social Science Core Curriculum)	3
COM 101 – Oral Communication (Humanities Core Curriculum)	3
Open Elective	3
Spring II Semester (15 credits)	
MATH 314 – History of Mathematics (Math Elective)	3
MATH 352 – Probability and Statistics (Math Requirement)	3
ART 240 – 3D Modeling for 3D Printing (Fine Arts Core Curriculum)	3
COM 110 – Power, Culture, and Society (Humanities Core Curriculum)	3
Open Elective	3
Fall III Semester (16 credits)	
MATH 283 – Calculus 3 (Math Requirement)	4
MATH 457 – Real Analysis 1 (Math Requirement)	3
CH 203 – American Experience and Constitutional Change (Constitution Core Curriculum)	3
AM 253 – Deaf Culture	3
Open Elective	3
Spring III Semester (15 credits)	
CS 135 – Introduction to Computer Science (Math Requirement)	3
MATH 330 – Linear Algebra 1 (Math Requirement)	3
MATH 459 – Complex Analysis (Math Elective)	3
Open Elective	3
Open Elective	3
Fall IV Semester (14 credits)	
MATH 453 – Abstract Algebra 1 (Math Requirement)	3
MATH 489 – Advanced Mathematical Topics (Math Requirement)	3
Open Elective	3
Open Elective	3
Open Elective	2
Spring IV Semester (15 credits)	
MATH 381 – Discrete Mathematics (Math Elective)	3
MATH 454 – Abstract Algebra 2 (Math Elective)	3
Open Elective	3
Open Elective	3
Open Elective	3