NEVADA STATE COLLEGE

NEVADA STATE COLLEGE ❖ SCHOOL OF EDUCATION
2020-2021 BACHELOR OF SCIENCE IN SECONDARY EDUCATION
WITH A CONCENTRATION IN MATHEMATICS
SUGGESTED SEQUENCE OF COURSES

Fall I Semester (16-17 credits)	
ENG 101 Composition I	3 cr.
CEP 123 College and Career Success or ALS 101N College Success	2-3 cr.
MATH 181 Calculus I	4 cr.
Natural Science Course (Select from: BIOL 196, CHEM 121 or PHYS 151)	4 cr.
Humanities	3 cr.
Spring I Semester (16 credits)	
ENG 102 Composition II	3 cr.
Cultural Diversity	3 cr.
MATH 182 Calculus II	4 cr.
MATH 301 Intro to Proofs: Logic, Sets and Functions	3 cr.
EDU 250 Foundations of Education Constitution Fine Arts	3 cr.
Fall II Semester (14-15 credits)	
EDU 214 Preparing Teachers to Use Technology or EDUC 399 Foundations of Educational Technology	3 cr.
Natural Science Course (Select from: BIOL 197, CHEM 122 or PHYS 152)	4 cr.
MATH 283 Calculus III	4 cr.
Constitution (CH 203 or PSC 101 recommended)	3-4 cr.
Spring II Semester (13-14 credits)	
CS 135 Introduction to Computer Science I	3 cr.
MATH 330 Linear Algebra I	3 cr.
MATH Elective	3 cr.
Social Science	3 cr.
EDU 163 Praxis Core for Educators Literacy Lab and/or EDU 164-Praxis Core for Educators Mathematics Lab	1-2 cr.
Fall III Semester (15 credits)	
MATH 427 Differential Equations or MATH 466 Numerical Methods I	3 cr.
MATH 453 Abstract Algebra	3 cr.
MATH 455 Elementary Theory of Numbers	3 cr.
EDSC 325 Differentiated Instruction and Assessment for Diverse Learners	3 cr.
Fine Arts	3 cr.
Spring III Semester (15 credits)	
EDSP 411 Students with Disabilities in General Education Settings	3 cr.
PSY 307 Principles of Educational Psychology	3 cr.
MATH 352 Probability and Statistics	3 cr.
EDRL 471 Theory and Practice for Academic English Language Development	3 cr.
EDRL 474 Methods and Curriculum for Teaching English Language	3 cr.
Fall IV Semester (15 credits)	
MATH Elective	3 cr.
EDSP 432 Parent Involvement and Family Engagement for Students with/without Disabilities	3 cr.
EDSC 453 Teaching Secondary Mathematics	3 cr.
MATH 457 Introduction to Real Analysis I	3 cr.
MATH 489 Advanced Mathematical Topics	3 cr.
Spring IV Semester (12 credits)	
Select one from the following: MATH 430, MATH 454 or MATH 458	3 cr.
MATH 381 Methods of Discrete Mathematics	3 cr.
EDRL 451B Content Area Literacy Secondary	3 cr.
EDRL 477 Policies, Critical Issues and Best Practices for ELLS - Practicum	3 cr.
Fall V Semester (12 credits)	
EDSC 483 Secondary Supervised Teaching Internship	9 cr.
EDRL 475 Assessment and Evaluation English Language Learners	3 cr.

Updated: 06/25/2020