



NEVADA STATE COLLEGE ❖ SCHOOL OF EDUCATION  
2018-2019 BACHELOR OF SCIENCE IN SECONDARY EDUCATION  
WITH A CONCENTRATION IN MATHEMATICS

**College Core Curriculum (34-46 credits)**

**English (3-8 credits)**

ENG 100-Composition I Enhanced (5) **OR**  
ENG 116-Composition for Multilingual Students (5) **OR**  
ENG 101-Composition I (3) **AND**  
ENG 102-Composition II (3)

**Study and Technology Skills (0-3 credits)**

CEP 123-College and Career Success (2) **OR**  
ALS 101N-College Success (3)

**Mathematics (6 credits)**

MATH 126-Pre-Calculus Mathematics I (3)  
MATH 127-Pre-Calculus Mathematics II (3)

**Natural Sciences (7-8 credits)**

PHYS 151- General Physics (4)

**Select one course from the following:**

An asterisk (\*) indicates a course that may be taken for laboratory credit.

ANTH 102-Introduction to Physical Anthropology (3)  
AST 103-Introduction to Astronomy: The Solar System (3)  
-Must be taken with AST 105 to fulfill laboratory requirement.  
AST 104-Introduction to Astronomy: Stars & Galaxies (3)  
-Must be taken with AST 105 to fulfill laboratory requirement.  
AST 105-Intro to Astronomy: Stars & Galaxies Lab\* (1)  
BIOL 101-Biology for Non-Majors\* (4)  
BIOL 189-Fundamentals of Life Science\* (4)  
CHEM 105-Chemistry, Man, and Society (3)  
CHEM 112-Introduction to Chemistry\* (4)  
CHEM 121-General Chemistry I\* (4)  
CHEM 122-General Chemistry II\* (4)  
ENV 101-Introduction to Environmental Sciences (3)  
GEOG 117-Meteorology/Climatology (3)  
GEOL 100-Earthquakes, Volcanoes, & Natural Disasters (3)  
GEOL 101-Exploring Planet Earth\* (4)  
PHYS 152-General Physics II\* (4)

**Social Sciences (3 credits)**

PSY 101-General Psychology (3)

**Fine Arts (3 credits)**

**Select one course from the following:**

Any ART Course (3)  
FIS 100-Introduction to Film (3)  
FIS 110-Language of Film (3)  
MUS 121-Music Appreciation (3)  
MUS 122-Survey of Jazz (3)  
MUS 128-Masterworks of Music (3)  
MUS 134-Jazz Appreciation (3)  
THTR 100-Introduction to the Theatre (3)  
VIS 113-Creating with Digital Video (3)  
VIS 131-Storyboarding and Previsualization (3)

**Humanities (6 credits)**

EDU 250-Foundations of Education (3)

**Select one course from the following:**

CH 201-Ancient and Medieval Cultures (3)  
CH 202-The Modern World (3)  
COM 101-Oral Communication (3) **(RECOMMENDED)**  
COM 110-Power, Culture and Society (3)  
COM 250-News Gathering and Writing (3)  
ENG 131-Introduction to Literature (3)  
ENG 205-Intro to Creative Writing, Fiction, & Poetry (3)  
ETS 101-Intro to Ethnic Studies (3)  
Any Literature Course ENG 231 or higher (3)  
Any Philosophy Course (other than 102, 105, 109) (3)  
Any History Course (3)  
Foreign Language Course 111 or above (3-4)  
Any American Sign Language (AM prefixed) course (3-4)

**Constitution (3-6 credits)**

**Select course(s) from the following:**

CH 203-American Experience & Constitutional Change (3)  
PSC 101 (from an NSHE institution) (4)  
PSC 101 (equivalent from out-of-state) AND PSC 100 (4)  
PSC 101 (equivalent from out-of-state) AND HIST 217 (6)  
HIST 101 AND HIST 102 (HIST 102 must be taken at an NSHE institution excluding UNR) (6)  
HIST 101 AND PSC 100 (4)  
HIST 101 AND HIST 217 (6)

**Cultural Diversity (3 credits)**

**Select one course from the following:**

AM 253-Deaf Culture (3)  
ANTH 101-Introduction to Cultural Anthropology (3)  
ANTH 216-Cultures through Film (3)  
COM 110-Power, Culture and Society (3)  
EDRL 402-Literature of Young Adults (3)  
ENG 231-World Literature I (3)  
ENG 232-World Literature II (3)  
ENG 272-Queer Literature (3)  
ENG 290-Introduction to African-American Literature (3)  
ENG 292-Introduction to Chicano Literature (3)  
ENG 427A-Women and Literature (3)  
ENG 481A-Comparative Literature (3)  
ENG 481B-Modern Comparative Literature (3)  
ENG 485-Topics in Comparative Literature (3)  
ENG 485A-Asian Literature (3)  
ENG 486A-Studies in Postcolonial Literature and Theory (3)  
ENG 490-Asian-American Literature (3)  
ENG 490A-Gender and Sexual Identity in Literature (3)  
ENG 494A-Native American Literature (3)  
ENG 495C-African-American Literature (3)  
ENG 496A-Themes in Modern Chicano Literature (3)  
ENG 497A-Topics in Multicultural Literature (3)  
ETS 101-Intro to Ethnic Studies (3)  
ETS 375-U.S. Latino/a-Chicano/a Experience (3)

ETS 435-Asian-Amer. Identities in Comparative Context (3)  
 HIST 320-Hispanic Culture in the U.S (3)  
 HIST 418-American Indian Relations (3)  
 HIST 424-Role of Religion in American Culture (3)  
 HIST 432-History of Women in the United States (3)  
 HIST 433-African-American History (3)  
 HIST 436-Nazi Holocaust American Perspective (3)  
 HIST 444-Latinos in the American West (3)  
 HIST 449-History of Japan (3)  
 HIST 450-Modern Chinese History (3)  
 HIST 470-History of Mexico (3)  
 HIST 478-Middle Eastern Studies (3)  
 NURS 310-Cultural Diversity in Health Care (3)  
 SOC 230-Intro to Lesbian, Gay, Bisexual, Transgender, and Queer Studies (3)  
 SOC 449-Sex and Social Arrangements (3)  
 SOC 453-Gender and Society (3)  
 SOC 469-Crossing Borders/Global Migrations (3)  
 SOC 471-Racial and Ethnic Relations in America (3)  
 WMST 101-Introduction to Women's Studies (3)

**Major Requirements (81-83 credits)**

**Mathematics/Science Requirements (42 credits)**

MATH 181-Calculus I (4)  
 MATH 182-Calculus II (4)  
 MATH 283-Calculus III (4)  
 MATH 301-Introduction to Proofs: Logic, Sets and Functions (3)  
 MATH 314-History of Mathematics (3)  
 MATH 330-Linear Algebra I (3)  
 MATH 352-Probability and Statistics (3)  
 MATH 381-Methods of Discrete Mathematics (3)  
 MATH 453-Abstract Algebra (3)  
 MATH 455-Elementary Theory of Numbers (3)  
 MATH 457-Introduction to Real Analysis I (3)  
 MATH 475- Euclidean and Non-Euclidean Geometry (3)

**Additional Mathematics courses. Choose one:**

MATH 427-Differential Equations (3)

**OR**

MATH 466-Numerical Methods I (3)

**Secondary Education Courses (39-41 credits)**

EDU 163-Praxis Core for Educators Literacy Lab (1)\*

\*The Praxis Core Literacy Lab will be waived for students who produce passing scores for both the reading and writing exams.

EDU 164-Praxis Core for Educators Mathematics Lab (1)\*

\*The Praxis Core Mathematics Lab will be waived for students who produce a passing score for the mathematics exam.

EDU 214-Preparing Teachers to Use Technology (3)

EDRL 471- Theory and Practice for Academic English Language Development (3)

EDSC 321-Secondary Pedagogy I (3)

EDSP 411-Students with Disabilities in General Education Settings (3)  
 EDSP 432-Parent Involvement and Family Engagement for Students with/without Disabilities (3)  
 PSY 307-Principles of Educational Psychology (3)

**The following courses require Teacher Preparation Program admission:**

EDRL 451B-Content Area Literacy Secondary (3)  
 EDSC 408-Classroom Management Secondary (3)  
 EDSC 453-Teaching Secondary Mathematics (3)  
 EDSC 483-Secondary Supervised Teaching Internship (12)

**Summary of Credit Requirements**

College Core Curriculum (34-46 credits)

Major Requirements (81-83 credits)

Electives (0-5 credits)

**Total Credits (120 credits)**

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