



NEVADA STATE COLLEGE ❖ SCHOOL OF EDUCATION
2019-2020 BACHELOR OF SCIENCE IN SECONDARY EDUCATION
WITH A CONCENTRATION IN MATHEMATICS

College Core Curriculum (33-44 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 (4 credits)

MATH 181-Calculus I (4)

Natural Sciences (8 credits)

Select one of the following combinations:

BIOL 196-Principles of Modern Biology I (4)
BIOL 197-Principles of Modern Biology II (4)

CHEM 121-General Chemistry I* (4)
CHEM 122-General Chemistry II* (4)

PHYS 151-General Physics I (4)
PHYS 152-General Physics II (4)

Social Sciences (3 credits)

Select one course from the following:

ANTH 101-Intro to Cultural Anthropology (3)
COM 216-Survey of Communication Sciences (3)
COU 300-Intro to Human Services & Counseling (3)
CRJ 104-Intro to Administration of Justice (3)
ECON 103-Principles of Macroeconomics (3)
PSC 210-American Public Policy (3)
PSC 211-Intro to Comparative Politics (3)
PSC 231 World Politics (3)
PSY 101-General Psychology (3)
PSY 460-Social Psychology (3)
SOC 101-Principles of Sociology (3)
SOC 102-Contemporary Social Issues (3)
WMST 101-Intro to Women's Studies (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)
EDU 260-Foundations of Bilingual Education (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 & Social Arrangements (3)
 SOC 453-Gender & Society (3)
 SOC 469-Crossing Borders/Global Migrations (3)
 SOC 471-Racial & Ethnic Relations in America (3)
 WMST 101-Introduction to Women's Studies (3)

Major Requirements (89-91 credits)

Required Mathematics Core (41 credits)

CS 135-Computer Science I (3)
 MATH 182-Calculus II (4)
 MATH 283-Calculus III (4)
 MATH 301-Intro to Proofs: Logic, Sets and Functions (3)
 MATH 330-Linear Algebra I (3)
 MATH 352-Probability and Statistics (3)
 MATH 381-Methods of Discrete Mathematics (3)
 MATH 427-Differential Equations (3)
 MATH 453-Abstract Algebra (3)
 MATH 455-Elementary Theory of Numbers (3)
 MATH 457-Introduction to Real Analysis I (3)
 MATH 489-Advanced Mathematical Topics (3)

Select one course from the following:

MATH 430-Linear Algebra II (3)
 MATH 454-Abstract Algebra II (3)
 MATH 458-Introduction to Real Analysis II (3)

Additional Mathematics Electives (6 credits)

Any combination of the following courses:

- Any 300+ MATH or STAT course not counted as the require core
 - Note: MATH 491 can be repeated for up to 3 units

MATH 314-History of Mathematics (3)
 MATH 459-Complex Analysis (3)
 MATH 475- Euclidean and Non-Euclidean Geometry (3)
 MATH 483-Topology (3)
 MATH 491-Problem Solving Seminar** (1)
 (**Can be repeated for up to 3 units)

*MATH 430 Linear Algebra II
 *MATH 454 Abstract Algebra II
 *MATH 458 Introduction to Real Analysis II
 STAT 391-Applied Statistics for Biological Sciences
 (*Can only be used as a Math Elective if it is not used to meet the Math Core)

Secondary Education Courses (42-44 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.
 EDRL 471-Theory and Practice for Academic English Language Development (3)
 EDSC 325- Differentiated Instruction and Assessment for Diverse Learners (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)

Select one course from the following:

EDU 214-Preparing Teachers to Use Technology (3)
 EDUC 399-Foundations of Educational Technology (3)

The following courses require

Teacher Preparation Program admission:

EDRL 451B-Content Area Literacy Secondary (3)
 EDRL 474-Methods and Curriculum for Teaching English Language (3)
 EDRL 475-Assessment and Evaluation English Language Learners (3)
 EDRL 477- Policies, Critical Issues and Best Practices for ELLs- Practicum (3)
 EDSC 453-Teaching Secondary Mathematics (3)
 EDSC 483-Secondary Supervised Teaching Internship (9)

Summary of Credit Requirements

College Core Curriculum (33-44 credits)
 Major Requirements (89-91 credits)
Total Credits (122 credits)

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