NEVADA STATE UNIVERSITY
SCHOOL OF LIBERAL ARTS, SCIENCES & BUSINESS

CORE CURRICULUM & GRADUATION REQUIREMENTS

CORE CURRICULUM

Please refer to the **Nevada State (NS) catalog for the full list of courses** that can satisfy each of the Core Curriculum requirements below.

ENGLISH...3-8 CREDITS

NS students can be placed into English courses by submitting ACT or SAT scores OR by completing the English Directed Self-Placement survey. Students often take Composition I during their first semester at NS and Composition II during the second semester. Students who complete Composition II will satisfy the full Core English requirement.

☐ _____ | *Composition I Course*.............................*Credits:*_____
☐ __ENG 102__ | *Composition II Course*...........................*Credits:* __3__

STUDY AND TECHNOLOGY SKILLS.......................0-3 CREDITS

Transfer students with 30+ transferable college credits or NS students who complete the Nepantla Summer Bridge Program with a 3.0+ average GPA can waive this requirement.

☐ _____ | *College Success Course*........................ *Credits:*_____

MATHEMATICS..3-4 CREDITS

NS students can be placed into Core Math courses by submitting ACT or SAT scores OR by completing the Math Directed Self-Placement survey. Please see your degree outline and/or consult an Academic Advisor regarding your specific major requirements.

☐ _____ | *Math Core Course*.................................*Credits:*_____

NATURAL SCIENCES...7-8 CREDITS

Two science courses are required, at least one of which must include an associated laboratory (often a co-requisite 1-credit course).

☐ _____ | *Natural Science Core Course*................*Credits:*_____
_____ | *Natural Science Core + Lab Course(s)*...................*Credits:*_____

SOCIAL SCIENCES..3 CREDITS

☐ _____ | *Social Sciences Core Course*................ *Credits:* __3__

FINE ARTS...3 CREDITS

☐ _____ | *Fine Arts Core Course*...........................*Credits:* __3__

HUMANITIES..6 CREDITS

☐ _____ | *Humanities Core Course*........................*Credits:* __3__
☐ _____ | *Humanities Core Course*........................*Credits:* __3__

CONSTITUTION...3-6 CREDITS

Complete either one US Constitution course AND one NV Constitution course OR complete one course that fulfills both US and NV Constitutions (CH 203 or PSC 101).
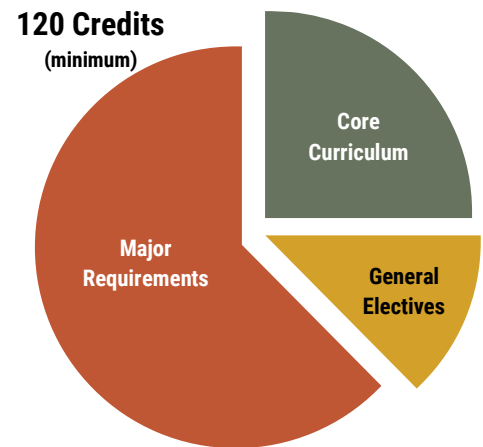
☐ _____ | *NV Constitution Course*.........................*Credits:*_____
☐ _____ | *US Constitution Course*......................... *Credits:*_____

CULTURAL DIVERSITY...3 CREDITS

☐ _____ | *Cultural Diversity Core Course*...............*Credits:* __3__

Certain Core and Graduation requirements may be satisfied by completing classes in your major.

*However, a single course cannot fulfill more than one **Core** requirement. Please ask an Academic Advisor for details.*

120 Credits
(minimum)

Pie chart: Major Requirements, Core Curriculum, General Electives

GRADUATION REQUIREMENTS

General elective courses may be needed to complete the graduation requirements if they are not met once the Core Curriculum and Major requirements are satisfied.

☐ **NS GPA** | Minimum 2.0 GPA from NS courses is required. For students with transfer credits, minimum 2.0 cumulative GPA (NS + Transfer) is required.

☐ **RESIDENCY RULE** | At least 30 upper division credits completed at Nevada State

CREDITS COMPLETED:_____

CREDITS REMAINING:_____

☐ **120 CREDITS** | At least 120 credits from 100 level courses or above are required

CREDITS COMPLETED:_____

CREDITS REMAINING:_____

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*Indicates a required prerequisite and/or corequisite. Please refer to the catalog or speak to an advisor for details. **This sample degree checklist is a planning tool for the current academic year. Each student's situation is unique and your degree may differ from this sample. It is recommended that students review the Academic Requirements report in your Student Center and meet regularly with an Academic Advisor to verify degree progression.**

SCAN OR CLICK HERE FOR MORE INFORMATION ON THE CORE CURRICULUM INCLUDING A FULL LIST OF ELIGIBLE COURSES

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MATHEMATICS, B.S.

MAJOR REQUIREMENTS (54 CREDITS)

All courses used to fulfill major requirements must be completed with a minimum C-. Grades below a C- carry no credit towards major requirements.

MATHEMATICS CORE...42 CREDITS

- ☐ **MATH 181*** | *Calculus I*...................................... *Credits:* __4__
- ☐ **MATH 182*** | *Calculus II*..................................... *Credits:* __4__
- ☐ **MATH 283*** | *Calculus III*.................................... *Credits:* __4__
- ☐ **MATH 301*** | *Intro to Proofs: Logic, Sets, & Functions*....... *Credits:* __3__
- ☐ **MATH 330*** | *Linear Algebra I*........................... *Credits:* __3__
- ☐ **MATH 352*** | *Probability and Statistics*............................ *Credits:* __3__
- ☐ **MATH 427*** | *Differential Equations*................................ *Credits:* __3__
- ☐ **MATH 453*** | *Abstract Algebra*.. *Credits:* __3__
- ☐ **MATH 457*** | *Introduction to Real Analysis I*.................... *Credits:* __3__
- ☐ **MATH 489*** | *Advanced Mathematical Topics*.................. *Credits:* __3__
- ☐ **STAT 152*** | *Introduction to Statistics*............................ *Credits:* __3__

Choose <u>one</u> of the following courses: CS 135, CS 138
- ☐ _____ | *Math Core Course*.. *Credits:* __3__

Choose <u>one</u> of the following courses: MATH 430*, MATH 454*, MATH 458*
- ☐ _____ | *Math Core Course*.. *Credits:* __3__

RELATED UPPER DIVISION ELECTIVES.................12 CREDITS

Students must complete an additional <u>12 credits</u>† of upper division MATH or STAT courses not already used or DATA 320* or DATA 330*.
NOTE: MATH 491* can be repeated for up to 3 total credits.

> †***School of Education Dual MATH/MATH Education Majors*** *are required to take EDSC 453*, MATH 381*, and MATH 455*.*

- ☐ _____ | *Related Upper Division Elective*.................. *Credits:* __3__
- ☐ _____ | *Related Upper Division Elective*.................. *Credits:* __3__
- ☐ _____ | *Related Upper Division Elective*.................. *Credits:* __3__
- ☐ _____ | *Related Upper Division Elective*.................. *Credits:* __3__

GENERAL ELECTIVES....................................23-38 CREDITS

General elective courses are taken to complete the minimum 120 credits needed for graduation. General elective courses cannot double-dip with any major requirements but can be fulfilled by minor requirements. If you declare a minor or additional major, please check with your academic advisor about related policies.

GENERAL ELECTIVE CREDITS COMPLETED:_____

GENERAL ELECTIVE CREDITS REMAINING:_____

*Indicates a required prerequisite and/or corequisite. Please refer to the catalog or speak to an advisor for details. **This sample degree checklist is a planning tool for the current academic year. Each student's situation is unique and your degree may differ from this sample. It is recommended that students review the Academic Requirements report in your Student Center and meet regularly with an Academic Advisor to verify degree progression.**

SCAN OR **CLICK HERE** FOR MORE
PROGRAM INFORMATION
INCLUDING COURSE DESCRIPTIONS
AND PREREQUISITES.

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