NAME & NSHE ID: _____

2026 2027
CORE CURRICULUM & GRADUATION REQUIREMENTS CHECKLIST

# 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 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).*

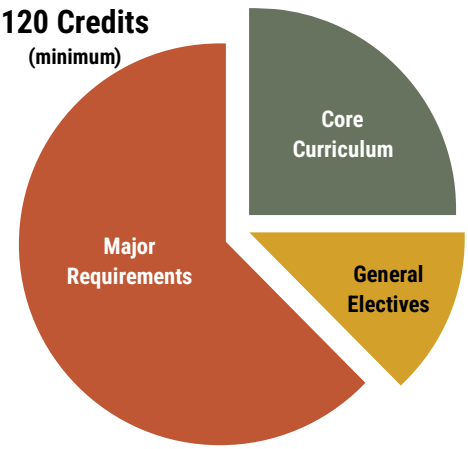
- ☐ _____ | *NV Constitution Course*..... *Credits:* _____
- ☐ _____ | *US Constitution Course*..... *Credits:* _____

### 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.*




## 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: _____

*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.**

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

NAME & NSHE ID: _____

2026-2027
MAJOR DEGREE
CHECKLIST

# NEVADA STATE UNIVERSITY

*SCHOOL OF LIBERAL ARTS, SCIENCES & BUSINESS*

# BIOLOGY B.S. Cell & Molecular Biology Concentration

## MAJOR REQUIREMENTS (71 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.*

*Concentrations are optional for the biology major. If students complete one of the four biology concentrations options (Cell & Molecular Biology, Evolution & Ecology, Physiology, or PharmD Track with Roseman University), the courses will count towards the 16 upper division biology electives credits required for the degree.*

### BIOLOGY CORE COURSES.....21 CREDITS

- ☐ **BIOL 190A*** | *Intro to Cell & Molecular Biology (Lec)*..... Credits: 3
- ☐ **BIOL 190L*** | *Intro to Cell & Molecular Biology (Lab)*..... Credits: 1
- ☐ **BIOL 191A*** | *Intro to Organismal Biology (Lec)*..... Credits: 3
- ☐ **BIOL 191L*** | *Intro to Organismal Biology (Lab)*..... Credits: 1
- ☐ **BIOL 209*** | *Cell Processes*..... Credits: 3
- ☐ **BIOL 220/ ENV 220*** | *Intro to Ecological Principles*..... Credits: 3
- ☐ **BIOL 300A*** | *Principles of Genetics (Lec)*..... Credits: 3
- ☐ **BIOL 300L*** | *Principles of Genetics (Lab)*..... Credits: 1
- ☐ **BIOL 415*** | *Evolution*..... Credits: 3

### RELATED MATH/SCIENCE COURSES.....34 CREDITS

- ☐ **CHEM 121A*** | *General Chemistry I (Lec)*..... Credits: 3
- ☐ **CHEM 121L*** | *General Chemistry I (Lab)*..... Credits: 1
- ☐ **CHEM 122A*** | *General Chemistry II (Lec)*..... Credits: 3
- ☐ **CHEM 122L*** | *General Chemistry II (Lab)*..... Credits: 1
- ☐ **CHEM 241*** | *Organic Chemistry I (Lec)*..... Credits: 3
- ☐ **CHEM 241L*** | *Organic Chemistry I (Lab)*..... Credits: 1
- ☐ **CHEM 242*** | *Organic Chemistry II (Lec)*..... Credits: 3
- ☐ **CHEM 242L*** | *Organic Chemistry II (Lab)*..... Credits: 1
- ☐ **CHEM 474*** | *Biochemistry I*..... Credits: 3
- ☐ **MATH 181*** | *Calculus I*..... Credits: 4
- ☐ **PHYS 151A*** | *General Physics I (Lec)*..... Credits: 3
- ☐ **PHYS 151L*** | *General Physics I (Lab)*..... Credits: 1
- ☐ **PHYS 152A*** | *General Physics II (Lec)*..... Credits: 3
- ☐ **PHYS 151L*** | *General Physics II (Lab)*..... Credits: 1
- ☐ **STAT 391*** | *Applied Statistics for Biological Sciences*..... Credits: 3

**Interested in a health-related career? Scan to meet with a Health Advisor:**

**Whether you are exploring programs or preparing to apply, health advisors can help with every stage of the process, including personal statements, interviews, entrance exams, shadowing opportunities, and other application requirements.**

### CONCENTRATION.....16 CREDITS

*Concentrations are optional for the biology major. If students complete one of the four biology concentrations options (Cell & Molecular Biology, Evolution & Ecology, Physiology, or PharmD Track with Roseman University), the courses will count towards the 16 upper division biology electives credits required for the degree.*
***NOTE: At least one course must be a 4-credit course that has a lab/field experience. No more than 6 total hours can come from: BIOL 399, BIOL 491, BIOL 492, BIOL 499.***

#### *CELL & MOLECULAR BIOLOGY CONCENTRATION*

- ☐ **BIOL 405L*** | *Molecular Biology*..... Credits: 2
- ☐ **BIOL 453*** | *Immunology*..... Credits: 3

*Select 11 credits from the following courses: BIOL 306/CHEM 306*, BIOL/CHEM/ENV 309*, BIOL 330A*, BIOL 330L*†, BIOL 351A*, BIOL 351L*†, BIOL 398L*†, BIOL 405*, BIOL 409*, BIOL 414*, BIOL 416*, BIOL 437*†, BIOL 440*, BIOL 448*†, BIOL 457*†, BIOL 460*†, BIOL 470*, BIOL 473*, BIOL 475*, BIOL 493*, BIOL 494/ENV 494*, BIOL 497*/CHEM 496*, BIOL 499*, CHEM 380*, CHEM 456*/BCH 456*, CHEM 472*†, or CHEM 475**

† Indicates a course with a lab/field experience

- ☐ _____ | *Cell & Molecular Biology Elective*..... Credits: _____
- ☐ _____ | *Cell & Molecular Biology Elective*..... Credits: _____
- ☐ _____ | *Cell & Molecular Biology Elective*..... Credits: _____
- ☐ _____ | *Cell & Molecular Biology Elective*..... Credits: _____
- ☐ _____ | *Cell & Molecular Biology Elective*..... Credits: _____
- ☐ _____ | *Cell & Molecular Biology Elective*..... Credits: _____
- ☐ _____ | *Cell & Molecular Biology Elective*..... Credits: _____

### GENERAL ELECTIVES.....14-28 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.*
***NOTE: At least 30 credits of Upper Division course work must be completed at Nevada State University. Students in this program will need 1 credit of additional upper division electives to fulfil the Residency Graduation Requirement. Please see your academic advisor for guidance.***

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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# Semester Planner

*This planning worksheet can help you organize coursework across multiple semesters in alignment with degree requirements.*

| Semester: | | |
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| Course | Credits | Notes |
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| Semester Total Credits | 0 | |

| Semester: | | |
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| Course | Credits | Notes |
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| Semester Total Credits | 0 | |

| Semester: | | |
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| Course | Credits | Notes |
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| Semester Total Credits | 0 | |

| Semester: | | |
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| Course | Credits | Notes |
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| Semester Total Credits | 0 | |

| Semester: | | |
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| Course | Credits | Notes |
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| Semester Total Credits | 0 | |

| Semester: | | |
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| Course | Credits | Notes |
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| | | |
| | | |
| | | |
| Semester Total Credits | 0 | |

**This 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.**

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# NOTES

*Indicates a required prerequisite and/or corequisite. Please refer to the catalog or speak to an advisor for details.

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