NEVADA STATE UNIVERSITY
SCHOOL OF LIBERAL ARTS, SCIENCES, & BUSINESS
HUMAN HEALTH SCIENCES (Data Science Concentration), B.S.

COLLEGE CORE CURRICULUM (17-45 CREDITS)

Unless otherwise noted, please refer to the Nevada State catalog for full list of Core requirements. Classes in the major requirements may be used to satisfy the Core requirements; consult an Academic Advisor for details. Note: A single course cannot fulfill more than one core requirement.

☐ ENGLISH   3-8 CREDITS

Nevada State students can be placed into English courses by submitting ACT or SAT scores or by completing the Directed Self Placement survey to better guide their placement. Students who complete Composition II will satisfy the Core Curriculum Composition requirement. Typically, students take Composition I during their first semester at the college and Composition II during the second semester.

- ☐ English Composition I (ENG 100, 101, or 116)   3-5
- ☐ English Composition II   3

☐ STUDY AND TECHNOLOGY SKILLS   0-3 CREDITS

Transfer students with 30 or more transferrable college credits or Nevada State students who complete the Nepantla Summer Bridge Program with an average GPA of 3.0 or greater will be able to waive the Study and Technology Skills Core Requirement.

- ☐ College Success (CEP 123 or ALS 101N)   2-3

☐ MATHEMATICS   3-4 CREDITS

Nevada State students can be placed into Math courses by submitting ACT or SAT scores or by completing the Math Directed Self-Placement survey to better guide their placement. Classes in the major may satisfy this requirement. Please see your degree outline and/or consult an Academic Advisor.

☐ NATURAL SCIENCES   7-8 CREDITS

Students are required to take two science courses, at least one of which must include an associated laboratory component. Classes in the major may satisfy this requirement. Please see your degree outline and/or consult an Academic Advisor.

- ☐ Natural Science Core   3-4
- ☐ Natural Science Core with Lab   4

☐ SOCIAL SCIENCES   3 CREDITS

Classes in the major may satisfy this requirement. Please see your degree outline and/or consult an Academic Advisor.

☐ FINE ARTS   3 CREDITS

☐ HUMANITIES   6 CREDITS

Classes in the major may satisfy this requirement. Please see your degree outline and/or consult an Academic Advisor.

- ☐ Humanities Core   3
- ☐ Humanities Core   3

☐ CONSTITUTION   3-6 CREDITS

Completion of US and NV Constitutions required. 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).

- ☐ Nevada Constitution   0-3
- ☐ United States Constitution   0-3

☐ CULTURAL DIVERSITY   3 CREDITS

Classes in the major may satisfy this requirement. Please see your degree outline and/or consult an Academic Advisor.

For a full breakdown of requirements for the Human Health Sciences major, please refer to accompanying "Major Degree Checklist"

MAJOR REQUIREMENTS (65 CREDITS)

ADDITIONAL GENERAL ELECTIVES (10-38 CREDITS)

TOTAL CREDITS FOR DEGREE (120 CREDITS)

☑ Check box when requirement is satisfied

**Indicates a prerequisite and/or corequisite is required. Please refer to the catalog or speak to an advisor about these requirements.

This sample degree checklist is a planning tool intended for the current academic year. Each student's situation is unique and your degree may differ from the sample presented here. It is recommended that current NS students review the Academic Requirements report in their Student Center to monitor progress toward their degree and graduation requirements. It is also strongly recommended that you meet regularly with your Academic Advisor to verify degree progression.

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

MAJOR REQUIREMENTS (68-69 CREDITS)

SCIENCE CORE COURSES   26 CREDITS

☐	**BIOL 189** †	Fundamentals of Life Science	4
☐	**BIOL 223**** †	Human Anatomy & Physiology I	4
☐	**BIOL 224**** †	Human Anatomy & Physiology II	4
☐	**BIOL 251**** †	General Microbiology	4
☐	**CHEM 108****	Introduction to Chemistry	4
☐	**CHEM 212****	Intro to Chemical Pharmacology & Toxicology	3
	NURS 330**	Biostatistics for Nursing	3
☐	**OR**		
	STAT 391**	Applied Statistics for Biological Sciences	3

UPPER DIVISION SCIENCE ELECTIVES   18 CREDITS
Students must choose from the following:

☐	**BIOL 306/CHEM 306**	Intro to Scientific Ethics	1
☐	**BIOL 350****	Clinical Epidemiology	3
☐	**BIOL 428**** †	Medical Gross Anatomy	4
☐	**BIOL 440**** †	Mammalian Physiology	3
☐	**BIOL 448****	Mammalian Physiology - Laboratory	1
☐	**BIOL 450****	Special Topics	3
☐	**BIOL 453****	Immunology	3
☐	**BIOL 461****	Global Health	4
☐	**BIOL 475****	Neurobiology	3
☐	**BIOL 491****	Independent Study	1-3
☐	**BIOL 492****	Undergraduate Research	1-3
☐	**BIOL 493****	Undergraduate Seminar	1
☐	**CHEM 498****	Undergraduate Research	1-3
☐	**ENV 494/BIOL 494**	Environmental Science Colloquium	1
☐	**CHS 421****	Health and Wellness Across the Lifespan	3
☐	**NUTR 370****	Nutrition in the Life Cycle	3
☐	**NUTR 407****	Complementary/Integrative MNT	3
☐	**NUTR 408****	Nutrition, Food, and Policy	3

ORAL COMMUNICATIONS   3 CREDITS

☐	**COM 101**	Oral Communication	3

RELATED DATA SCIENCE COURSES   24-25 CREDITS

☐	**CS 138****	Programming for Data Science in Python I	3
☐	**CS 238****	Programming for Data Science in Python II	3
☐	**DATA 101**	Intro to Data Science	3
☐	**STAT 152**	Intro to Statistics	3

Select one course from the following:

☐	**DATA 210**	Intro to SQL for Data Science	3
☐	**DATA 220****	Research Methods for Data Science	3

Select two courses from the following:

☐	**DATA 310****	Data Visualization	3
☐	**DATA 320****	Intro to Mathematical Modeling	3
☐	**DATA 330****	Statistical Methods for Data Science	3
☐	**DATA 410****	Exploratory Data Analysis	3
☐	**ENV 480**	Geographic Information System for Environmental Management	3

Select one course from the following:

☐	**DATA 480****	Data Science Capstone	3
☐	**DATA 499****	Independent Study	1-3

TOTAL CREDITS FOR DEGREE (120 CREDITS)

☑ Check box when requirement is satisfied

**Indicates a prerequisite and/or corequisite is required. Please refer to the catalog or speak to an advisor about these requirements.

† Indicates a lab is required.

This sample degree checklist is a planning tool intended for the current academic year. Each student's situation is unique and your degree may differ from the sample presented here. It is recommended that current NS students review the Academic Requirements report in their Student Center to monitor progress toward their degree and graduation requirements. It is also strongly recommended that you meet regularly with your Academic Advisor to verify degree progression.

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CREDIT REQUIREMENTS

Summary of credit requirements for the Bachelor of Science in Human Health Sciences

☐ **College Core Curriculum**   17-45
☐ **Major Requirements**   68-69
☐ **General Electives**   6-35

ADDITIONAL GRADUATION REQUIREMENTS

			CREDITS COMPLETED	CREDITS REMAINING
☐ **120 CREDITS**	*College credits earned (minimum; must be 100 level or above)*	120	_____	_____
☐ **RESIDENCY RULE**	*Upper division credits from Nevada State (minimum)*	30	_____	_____

ADVISOR NOTES

STUDENT NOTES