NEVADA STATE COLLEGE
SCHOOL OF LIBERAL ARTS, SCIENCES, & BUSINESS

HUMAN HEALTH SCIENCES (Data Science Concentration), B.S.

Year 1

FALL SEMESTER — 15-19 CREDITS
- ☐ **ENG 100 or 101 or 116** | English Composition I — 3-5
- ☐ **BIOL 189** † | Fundamentals of Life Science — 4
- ☐ **COMM 101** | Oral Communication — 3
- ☐ **Math Core** — 3-4
- ☐ **Study and Technology Skills Core** — 2-3

SPRING SEMESTER — 13-17 CREDITS
- ☐ **ENG 102**** | English Composition II — 3
- ☐ **CHEM 108**** | Introduction to Chemistry — 4
- ☐ **Upper Division Science Elective***** — 3-4
- ☐ **Constitution Core** — 3-6

SUMMER SEMESTER
If needed, complete additional courses to reach 30 earned credits.

Year 2

FALL SEMESTER — 16-18 CREDITS
- ☐ **BIOL 223**** † | Human Anatomy & Physiology I — 4
- ☐ **CHEM 212**** | Introduction to Chemical Pharmacology & Toxicology — 3
- ☐ **CS 135**** | Computer Science I — 3
- ☐ **Social Science Core** — 3
- ☐ **General Elective***** — 3-5

SPRING SEMESTER — 14-15 CREDITS
- ☐ **BIOL 224**** † | Human Anatomy & Physiology II — 4
- ☐ **BIOL 251**** † | General Microbiology — 4
- ☐ **CS 202**** | Computer Science II — 3
- ☐ **STAT 152** | Intro to Statistics — 3

SUMMER SEMESTER
If needed, complete additional courses to reach 60 earned credits.

Year 3

FALL SEMESTER — 15-16 CREDITS
- ☐ **DATA 101** | Introduction to Data Science — 3
- **NURS 330**** | Biostatistics for Nursing — 3
- ☐ **OR**
- **STAT 391**** | Applied Statistics for Biological Sciences — 3
- ☐ **Upper Division Science Elective***** — 3-4
- ☐ **Fine Arts Core** — 3
- ☐ **Cultural Diversity Core** — 3

SPRING SEMESTER — 12-14 CREDITS
- ☐ **Humanities Core** — 3
- ☐ **Upper Division Science Elective***** — 3-4
- ☐ **Upper Division Science Elective***** — 3-4
- ☐ **Related Data Science Elective**** — 3

SUMMER SEMESTER
If needed, complete additional courses to reach 90 earned credits.

APPLY FOR GRADUATION!
Once you have earned 90 credits, consider applying for graduation.

Year 4

FALL SEMESTER — 12-14 CREDITS
- ☐ **Upper Division Science Elective***** — 3-4
- ☐ **Upper Division Science Elective***** — 3-4
- ☐ **Related Data Science Elective**** — 3
- ☐ **Related Data Science Elective**** — 3

SPRING SEMESTER — 13-19 CREDITS
- **DATA 480**** | Data Science Capstone — 3
- ☐ **OR**
- **DATA 499**** | Independent Study — 1-3
- ☐ **Upper Division Science Elective***** — 3-4
- ☐ **Upper Division Science Elective***** — 3-4
- ☐ **General Elective***** — 3-5

SUMMER SEMESTER
If needed, complete additional courses to reach 120 earned 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.

*** General elective course credits are taken if needed to complete credit requirements for graduation. General electives may be any course from any subject area of any level; prerequisites must be met for courses chosen; additional credit will not be awarded for retakes of previously passed courses. Upper division electives can be any subject, must be 300 or 400 level, and all prerequisites must be met.

This sample 4-year map is a planning tool intended for the current academic year. Each student's situation is unique and your 4-year plan and progression may differ from the sample presented here. It is also strongly recommended that you meet regularly with your Academic Advisor to verify degree progression.