NEVADA STATE UNIVERSITY  
SCHOOL OF LIBERAL ARTS, SCIENCES, & BUSINESS  
Data Science, B.A.

COLLEGE CORE CURRICULUM (31-43 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 regarding your specific major requirements.

- **NATURAL SCIENCES** 7-8 CREDITS  
  Students are required to take two science courses, at least one of which must include an associated laboratory component.
  - Natural Science Core 3-4
  - Natural Science Core with Lab 4

- **SOCIAL SCIENCES** 3 CREDITS

- **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

For a full breakdown of requirements for the Data science major, please refer to accompanying "Major Degree Checklist"  

MAJOR REQUIREMENTS (46-48 CREDITS)  
MINOR REQUIREMENTS (18 CREDITS)  
ADDITIONAL GENERAL ELECTIVES (11-25 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.
# NEVADA STATE UNIVERSITY
## SCHOOL OF LIBERAL ARTS, SCIENCES, & BUSINESS
### Data Science, B.A.

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 (46-48 CREDITS)

### MATHEMATICS AND STATISTICS CORE 10-12 CREDITS
- **MATH 126** | Pre-calculus Mathematics I | 3
- **MATH 127** | Pre-Calculus Mathematics II | 3
- **STAT 152** | Introduction to Statistics | 3
- **DATA 330** | Statistical Methods for Data Science | 3

Note: **STAT 152** may be used to meet the college core curriculum. **MATH 181** may be substituted for **MATH 126** and **MATH 127**

### COMPUTER SCIENCE AND DATA SCIENCE CORE 18 CREDITS
- **CS 138** | Programming for Data Science in Python I | 3
- **CS 238** | Programming for Data Science in Python II | 3
- **DATA 101** | Introduction to Data Science | 3
- **DATA 210** | Introduction to SQL for Data Science | 3
- **DATA 220** | Research Methods for Data Science | 3
- **DATA 310** | Data Visualization | 3

### PROFESSIONAL SKILLS 9 CREDITS
Select any three courses from the following list of electives:
- **COM 102** | Intro to Interpersonal Communication | 3
- **COM 315** | Small Group Communication | 3
- **COM 329** | Business and Professional Speaking | 3
- **COM 404** | Principles of Persuasion | 3
- **COM 434** | Communication and Conflict Resolution | 3
- **ENG 204** | Intro to Professional Writing | 3
- **ENG 407A** | Fundamentals of Business Writing | 3
- **ENG 407B** | Fundamentals of Technical Writing | 3
- **MGT 415** | Business and Society | 3

## ELECTIVES 6 CREDITS
Courses may be used as electives if they are not used to fulfill other requirements towards the major:
- Any other 300+ level DATA course | 3
- Any other 300+ level DATA, MATH, STAT, or CS course | 3

## MINOR REQUIREMENTS (18 CREDITS)
Select and complete any academic minor other than a Data Science Minor.
Note: A second major meets this requirement as well.

## TOTAL CREDITS FOR DEGREE (120 CREDITS)

- **CAPSTONE OR INTERNSHIP** 3 CREDITS
  Select one of the following courses:
  - **DATA 480** | Data Science Capstone | 3
  - **DATA 490** | Internship | 1-3

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CREDIT REQUIREMENTS

Summary of credit requirements for the Bachelor of Arts in Data Science

- College Core Curriculum: 31-43
- Major Requirements: 46-48
- Required minor: 18
- General Electives: 11-25

ADDITIONAL GRADUATION REQUIREMENTS

- 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