

## NEVADA STATE COLLEGE

## SCHOOL OF LIBERAL ARTS &amp; SCIENCES

## MATHEMATICS, B.S.

## Year 1

## FALL SEMESTER

13-16 CREDITS

- ENG 100 or 101 or 116** | English Composition I 3-5
- MATH 181\*\*** | Calculus I 4
- Natural Science Core\*\* †** 4
- Study and Technology Skills Core** 2-3

## SPRING SEMESTER

17 CREDITS

- ENG 102\*\*** | English Composition II 3
- MATH 182\*\*** | Calculus II 4
- MATH 301\*\*** | Intro to Proofs: Logic, Sets, and Functions 3
- Fine Arts Core** 3
- Natural Science Core\*\* †** 4

## SUMMER SEMESTER

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

## Year 2

## FALL SEMESTER

15 CREDITS

- MATH 427\*\*** | Differential Equations 3
- CS 135** | Computer Science I 3
- Upper Division MATH or STAT Elective\*\*** 3
- Social Science Core** 3
- Humanities Core** 3

## SPRING SEMESTER

15 CREDITS

- MATH 352\*\*** | Probability and Statistics 3
- MATH 430\*\*** | Linear Algebra II 3
- OR
- MATH 454\*\*** | Abstract Algebra II 3
- OR
- MATH 458\*\*** | Intro to Real Analysis II 3
- Upper Division MATH or STAT Elective\*\*** 3
- Humanities Core** 3
- Cultural Diversity Core** 3

## SUMMER SEMESTER

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

## Year 3

## FALL SEMESTER

16-19 CREDITS

- MATH 283\*\*** | Calculus III 4
- MATH 457\*\*** | Intro to Real Analysis I 3
- Constitution Core** 3-6
- General Elective\*\*\*** 3
- General Elective\*\*\*** 3

## SPRING SEMESTER

15 CREDITS

- MATH 330\*\*** | Linear Algebra I 3
- Upper Division MATH or STAT Elective\*\*** 3
- General Elective\*\*\*** 3
- General Elective\*\*\*** 3
- General 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

15 CREDITS

- MATH 453\*\*** | Abstract Algebra 3
- MATH 489\*\*** | Advanced Mathematical Topics 3
- General Elective\*\*\*** 3
- General Elective\*\*\*** 3
- General Elective\*\*\*** 3

## SPRING SEMESTER

14-15 CREDITS

- Upper Division MATH or STAT Elective\*\*** 3
- General Elective\*\*\*** 3
- General Elective\*\*\*** 3
- General Elective\*\*\*** 3
- General Elective\*\*\*** 2-3

## 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.

\*\*\* 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.