

NEVADA STATE COLLEGE

SCHOOL OF LIBERAL ARTS & SCIENCES

BIOLOGY (Cell and Molecular Concentration), B.S.

Year 1

FALL SEMESTER

16-19 CREDITS

- ENG 100 or 101 or 116** | English Composition I 3-5
- CHEM 121** †** | General Chemistry I 4
- MATH 126**** | Pre-Calculus I 3
- BIOL 190** †** | Intro to Cell and Molecular Biology 4
- Study and Technology Skills Core** 2-3

SPRING SEMESTER

14 CREDITS

- ENG 102**** | English Composition II 3
- MATH 127**** | Pre-Calculus II 3
- BIOL 191 †** | Intro to Organismal Biology 4
- CHEM 122** †** | General Chemistry II 4

SUMMER SEMESTER

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

Year 2

FALL SEMESTER

17 CREDITS

- MATH 181**** | Calculus I 4
- BIOL 209**** | Cell Processes 3
- CHEM 241** †** | Organic Chemistry I 4
- BIOL 220**** | Intro to Ecological Principles 3
- OR**
- ENV 220**** | Intro to Ecological Principles 3
- Social Science Core** 3

SPRING SEMESTER

17 CREDITS

- BIOL 300** †** | Principles of Genetics 4
- STAT 391**** | Applied Statistics for Biological Sciences 3
- CHEM 242** †** | Organic Chemistry II 4
- Cultural Diversity Core** 3
- Humanities Core** 3

SUMMER SEMESTER

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

Year 3

FALL SEMESTER

13 CREDITS

- PHYS 151** †** | General Physics I 4
- CHEM 474**** | Biochemistry I 3
- Fine Arts Core** 3
- Humanities Core** 3

SPRING SEMESTER

9-15 CREDITS

- PHYS 152** †** | General Physics II 4
- BIOL 453**** | Immunology 3
- Upper Division Biology or Chemistry Elective**** 1-4
- Upper Division Biology or Chemistry Elective**** 1-4

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

13-19 CREDITS

- BIOL 415**** | Evolution 3
- Upper Division Biology or Chemistry Elective**** 1-4
- Upper Division Elective***** 3
- Upper Division Elective***** 3
- Constitution Core** 3-6

SPRING SEMESTER

13-16 CREDITS

- BIOL 405**** | Molecular Biology 3
- Upper Division Biology or Chemistry Elective**** 1-4
- Upper Division Elective***** 3
- General Elective***** 3
- General Elective***** 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.

† 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.