

Biological Science

ASSOCIATE OF SCIENCE DEGREE (AS)

REQUIRED CREDITS: 60

DEGREE CODE: BIOL-AS

DESCRIPTION

The Associate of Science Degree is a general transfer program for students who are planning to transfer to UNLV, UNR, NSC, GBC or another baccalaureate-level institution. A secondary objective may be employment upon completion of the AS degree.

STUDENT LEARNING OUTCOMES

- Summarize and explain biological diversity and similarity of organizational levels ranging from molecules to communities.
- Integrate knowledge of biology, biological methods and contextual issues, and be able to articulate these in verbal and written form.
- Incorporate knowledge of scientific methods and the relationships among theory, experiments and analyses and apply these to a problem or issue in biology.
- Demonstrate knowledge of basic laboratory safety procedures and experimentation skills.

PLEASE NOTE - The courses listed below may require a prerequisite or corequisite. Read course descriptions before registering for classes. All MATH and ENG courses numbered 01-99 must be completed before reaching 30 total college-level credits. No course under 100-level counts toward degree completion.

GENERAL EDUCATION REQUIREMENTS (32 CREDITS)

MATHEMATICS (4 credits)

Required: MATH 181 Calculus I

ENGLISH COMPOSITION (6-8 credits)

See AA/AB/AS policy p. 47 for courses (complete with a grade of C- or better)

LITERATURE (3 credits)

Recommended: ENG 223 Themes of Literature

HUMANITIES (6 credits)

COM 101; **and** one course from the following:
 ANTH 105, 204, 206, 211, 216, 217; ENG 223 or above; HIST; World Languages
 111 or above; PHIL 101, 119, 129, 201, 202, 203; PSY 270

FINE ARTS (3 credits)

See AA/AB/AS policy p. 48 for courses

SOCIAL SCIENCE (6 credits)

Two of the following (both cannot be in the same discipline): ANTH 101, 104, 106, 112, 201, 202, 205, 207, 209, 212, 214, 215, 225; CRJ 104; ECON; PHIL 135, 205, 207, 216, 244, 245, 246, 249; PSC; PSY (except 270); RST; SOC

U.S. AND NEVADA CONSTITUTIONS (4-6 credits)

Recommended: PSC 101 Introduction to American Politics

VALUES AND DIVERSITY

All students **MUST** fulfill this requirement. Course chosen may also be used to fulfill the corresponding general education or special program requirements.

Completing ENG 223 as recommended for the "Literature" requirement will also cover the "Values and Diversity" requirement.

SPECIAL PROGRAM REQUIREMENTS (28 CREDITS)

CORE REQUIREMENTS (24 credits)

BIOL 196	Principles of Modern Biology I	4
BIOL 197	Principles of Modern Biology II	4
CHEM 121	General Chemistry I	4
CHEM 122	General Chemistry II	4
PHYS 151	General Physics I	4
PHYS 152	General Physics II	4

ELECTIVES (choose 4-6 credits)

BIOL 101 or higher (except 299)

FULL-TIME STUDENT DEGREE PLAN

Add more semesters to modify this plan to fit part-time student needs.

FIRST SEMESTER	Credits
ENG 100 or 101 or 113	3-5
Complete AA/AB/AS Fine Arts p. 48	3
COM 101 Oral Communication	3
Complete Social Sciences (see courses this page)	3
CHEM 121 General Chemistry I	4
TOTAL CREDITS	16-18
SECOND SEMESTER	Credits
ENG 102 or 114	3
MATH 181 Calculus I	4
CHEM 122 General Chemistry II	4
BIOL 196 Principles of Modern Biology I	4
TOTAL CREDITS	15
THIRD SEMESTER	Credits
ENG 223 Themes of Literature	3
PSC 101 Introduction to American Politics	4
PHYS 151 General Physics I	4
BIOL 197 Principles of Modern Biology II	4
TOTAL CREDITS	15
FOURTH SEMESTER	Credits
PHYS 152 General Physics II	4
Complete Humanities ¹ (see courses this page)	3
Complete Social Sciences (see courses this page)	3
BIOL 211 or BIOL 251H ²	4
TOTAL CREDITS	14
DEGREE PLAN TOTAL CREDITS	60-62

¹Under the "Humanities" heading select from the choices that follow the sentence fragment "COM 101 and..."

²BIOL 251H is highly recommended for students transferring to a university.

- NOTE**
- Course numbers with the "B" suffix may be non-transferable for a NSHE baccalaureate degree.
 - Course numbers with the "H" suffix are designated Honors-level courses and can be used to fulfill equivalent general education requirements. For more information visit www.csn.edu/honors.
 - In no case, may one course be used to meet more than one requirement except for the Values and Diversity general education requirement (only AA, AS, and AB degrees) which may be used to fulfill the corresponding general education or emphasis requirement.
 - Students may elect to graduate using the degree requirements in effect at the time of matriculation, or when they declared or changed major or the current catalog. If a program is official after a student has matriculated, the student may choose the degree requirements of the new program. In no case may a student use a catalog which is more than six years old at the time of graduation.

