

Science

Associate of Science – Natural Resources (Pattern of Study)

Student Learning Outcomes

The pattern of study provides students with courses that prepare them for a Baccalaureate degree in natural resources, biology, wildlife biology, range management, forestry, environmental studies and management, and other types of natural resource degrees. It closely follows the requirements for Great Basin College’s Bachelor of Arts — Natural Resources.

Upon completion of the pattern of study, students will earn an AS degree and have the ability to:

- Progress into the junior year of the GBC BA— Natural Resources.
- Transfer to a four-year level natural resources degree program.
- Effectively communicate basic science principles related to natural resources.
- Identify relationships between human activities, biological systems, and the physical environment.
- Work as a technician in jobs requiring skills in natural resources.

DEGREE REQUIREMENTS	CREDITS
Orientation: INT 100	0.5

GENERAL EDUCATION (Refer to page 80)

Communications and Expressions

Written Communications.....	3
ENG 100, ENG 101	
Oral Communications	3
COM 101, THTR 102, THTR 221	
Evidence-Based Communications.....	3
ENG 102	
Fine Arts.....	3
ART 100, ART 101 (recommended), ART 107, MUS 101, THTR 100, THTR 105	

Logical and Scientific Reasoning

Mathematical Reasoning.....	3
MATH 126 or higher	
Scientific Reasoning.....	4
GEOL 101 (required)	
Scientific Data Interpretation	4
CHEM 121(required)	

Human Societies and Experience

Structure of Societies.....	3
ANTH 101 or ANTH 202 (required)	
American Constitutions and Institutions:	3
HIST 101/102 (must take both) or PSC 101	

Humanities.....	3
ART 160, ART 260, ART 261, ENG 203, ENG 223, FIS 100, FREN 111, FREN 112, HIST 105, HIST 106, HUM 101, HUM 111, MUS 121, MUS 125, PHIL 102, PHIL 129, SPAN 111, SPAN 112, SPAN 211	
Technological Proficiency.....	3
GIS 109 (required)	

FOUNDATIONS

Mathematics	3
STAT 152 (required) (Minimum 5 total credits Mathematics)	
Sciences	4
BIOL 190 (required)	

PROGRAM REQUIREMENTS

BIOL 191	Introduction to Organismal Biology	4
CHEM 122	General Chemistry II.....	4
NRES 222	Soils.....	3

GENERAL ELECTIVE4

Note: All students graduating from Nevada institutions of higher education must satisfy the American Constitutions and Institutions requirement. PSC 101 (3 credits) or HIST 101 and HIST 102 (6 credits).

See the following page for
Suggested Course Sequence.

SUGGESTED COURSE SEQUENCE		
AS—Natural Resources		
FALL—1st Semester		Credits
INT	100	0.5
CHEM	121 (Fall semester only)	4
ENG	100 or 101	3
GEOL	101	4
MATH	126 or higher	3
TOTAL		14.5
SPRING—2nd Semester		Credits
COM	101, THTR 102, or 221	3
CHEM	122	4
GIS	109	3
STAT	152	3
TOTAL		13
FALL—3rd Semester		Credits
BIOL	190	4
FINE ARTS*		3
NRES	222 (Fall semester only)	3
AMERICAN CONSTITUTIONS AND INSTITUTIONS*		3
GENERAL ELECTIVE		4
TOTAL		17
SPRING—4th Semester		Credits
ANTH	101 or 202	3
BIOL	191 (Spring semester only)	4
ENG	102	3
ENV	100	3
HUMANITIES*		3
TOTAL		16
Minimum Credits: 60.5		
*Select from page 80.		

After the AS in Natural Resources, the next step could be the Bachelor of Arts — Natural Resources Emphasis. See page 205.