

## Bachelor of Arts — Natural Resources

### Student Learning Outcomes

Students graduating from the BA Natural Resources will have the knowledge and skills to:

- Acquire and interpret scholarly information and data to reach informed, reasoned and balanced conclusions.
- Synthesize information effectively in oral and written form.
- Develop and demonstrate professional skills.
- Comprehend and analyze how the study of biological and physical systems contributes to understanding the natural world; and
- Apply concepts and methods to an original professional study of the natural world.

### Mission Statement

The mission of the Bachelor of Arts with a major in Natural Resources (BANR) is to fulfill and extend the mission and philosophy of Great Basin College. The BANR focuses on an integrated view of the natural world through courses on the biological and physical environment. The BANR prepares students to develop abilities in critical thinking, writing, presentation, and research skills needed to address the challenges of conserving and managing natural resources while maintaining the traditions of a Bachelor of Arts degree.

### Accreditation

GBC's Bachelor of Arts Natural Resources Major was approved by the NSHE Board of Regents in March 2016. The BANR was approved by the Northwest Commission on Colleges and Universities.

### Professional Skills and Career Paths

Completion of this program will provide graduates with opportunities for employment in a wide range of job types in land management, environmental consulting, biological technician positions, laboratory technicians, and function as a gateway into graduate school in resource-related disciplines. The upper division of the proposed program provides a generalist degree in natural resource management. The courses are distributed among general biology, botany, zoology, environmental law and regulation, geology, anthropology, social science and English literature.

### Admission to Program

This degree is designed to ladder on completed Associate of Science or Associate of Arts degrees with appropriate lower division prerequisites and 60 credits from any regionally accredited institution of higher education. Completion of appropriate AS or AA degrees will guarantee admission into the BANR with junior status. Be advised: All students must complete lower-division prerequisite courses before they can enroll in many upper division courses and complete the BANR. Students need to complete the application form for the BANR to be formally admitted to the program. Applications are accepted any time; applications received prior to March 15 will be assigned the current catalog year while applications received after March 15 will be assigned to the following catalog year. The form is available online on the GBC Website. Go to [www.gbcnv.edu](http://www.gbcnv.edu) and then Academics. Click on the BA Natural Resources link to access the form <http://gbcnv.edu/programs/programs.html>. Transfer students must provide official transcripts from all other accredited institutions attended to complete the application process. Admission is complete when the student receives the acceptance letter from the BANR committee.

### Advisement

Every BANR student has a faculty member assigned as an advisor by the program. Students are required to meet with their advisor each semester. Advisor assignments are made by the Program Supervisor, and this information is provided in the letter of acceptance to the program. If you are unsure who your advisor is or would like to make an appointment, please contact the BANR program administrative assistant 775.753.2120.

### Maintaining Good Standing

- Students must maintain a GPA of 2.0 to remain in good standing in the program.
- To graduate, students are required to have a cumulative GPA of 2.0 for all upper-division courses applied to the degree. This includes courses taken at GBC and those transferred from other institutions.
- Students must make progress toward the degree with no lapses exceeding three semesters.
- Students not meeting the above criteria may be dismissed from the program.

**Academic Honesty**

Students are expected to conduct themselves in a professional and ethical manner. Students must comply with Student Conduct and Academic Honesty policies as described in the GBC Catalog, BANR handbooks, and NSHE Code. Incidents of student misconduct and/or academic dishonesty will be reported the Vice President of Student Services and the appropriate BANR program supervisor.

**General Education Requirements Credits**

GBC Orientation .....	0.5
English/Communications: .....	6
ENG 100 or 101, and ENG 102	
Mathematics .....	
MATH 126 or higher .....	3
STAT 152 .....	3
Science .....	15
BIOL 190, CHEM 121, ENV 100, and GEOL 101 (required)	
Social Science.....	6
PSC 101 and ANTH 101 or 202 (required)	
Humanities.....	3
Fine Arts .....	3
Technology—GIS 109 (required) .....	3

BIOL 415	Evolution, or	
INT 496	Capstone in Integrative Studies (Capstone Inside Major) .....	3-4
INT 349	Integrative Social Science Seminar .....	3
	(Capstone Outside of Major)	

**Program Requirements Credits**

BIOL 191	Introduction to Organismal Biology.....	4
BIOL 300	Principles of Genetics .....	4
BIOL 341	Principles of Ecology.....	3
BIOL 394	Laboratory in Ecology and Population Biology.....	2
CHEM 122	General Chemistry II .....	4
PHIL 311	Professional Ethics (formerly ECON 311).....	3
ENV 422	Environmental Regulation and Compliance.....	3
Writing.....		3
INT 301	Research Methods	
GEOL 333	Principles of Geomorphology (Formerly GEOL 334) or	
GEOL 335	Earth Research and the Environment....	3-4
GIS 320	GIS in Business and Community.....	3
NRES 222	Soils* .....	3

\*NRES courses may be substituted for other appropriate natural resources electives as approved by an advisor.

**Program Requirements**

Biology.....	3
BIOL 305	Introduction to Conservation Biology
BIOL 447	Advance Comparative Animal Physiology
NRES 310	Wildlife Ecology and Management
Botany.....	3
BIOL 331	Plant Taxonomy (includes lab)
BIOL 410	Plant Physiology
Zoology or Toxicology.....	3-4
BIOL 432	Herpetology
NRES 432	Advanced Environmental Toxicology
Anthropology .....	3
ANTH 400A	Indians of North America
ANTH 400B	Indians of the Great Basin
Social Science.....	3
ECON 307	Environmental Economics (Spring)
HIST 441	American Environmental History
PSC 403C	Environmental Policy (Spring)

**Program Electives.....10**

If needed select from the following:  
 BIOL 400, INT 301, or 400 (recommended)  
 Or select additional courses from the following prefixes

ANTH	BCH	BIOL	CADD
CHEM	CIT	COM	CRJ
CS	ECON	ENG (200 or higher)	
ENV	GEOG	GEOL	GIS 205
HIST	INT	MATH	NRES
PHYS	PSC	PSY	SOC
SUR	SW		

**Minimum Upper-Division Credits.....47**

**Total Credits for Bachelor of Arts in Natural Resources .....120**

**Note:** All students graduating from Nevada institutions of higher education must satisfy the U.S. and Nevada Constitutions requirement. Contact your academic advisor for details.

**SUGGESTED COURSE SEQUENCE  
BA—Natural Resources**

<b>FALL—5th Semester</b>		<b>Credits</b>
BIOL	300	4
BIOL	305, 447, or NRES 310	3-4
GIS	320	3
INT	349	3
UPPER-DIVISION ELECTIVE		3
<b>TOTAL</b>		<b>16-17</b>

<b>SPRING—6th Semester</b>		<b>Credits</b>
BIOL	331 or 410	3
BIOL	341	3
BIOL	394	2
GEOL	333 or 335	3-4
INT	301	3
<b>TOTAL</b>		<b>14-15</b>

**If an Internship is chosen as an elective:**

<b>FALL—5th Semester</b>		<b>Credits</b>
INT	400*	3-6
<b>TOTAL</b>		<b>3-6</b>

<b>FALL—7th Semester</b>		<b>Credits</b>
BIOL	432 or NRES 432	3-4
ANTH	400A or 400B	3
ECON	307, HIST 441, or PSC 403C	3
ELECTIVES*		6
<b>TOTAL</b>		<b>15-16</b>

<b>SPRING—8th Semester</b>		<b>Credits</b>
PHIL	311 (formerly ECON 311)	3
ENV	422	3
INT	496 or BIOL 415	3-4
ELECTIVES*		3-6
<b>TOTAL</b>		<b>12-16</b>

**\*Choose with advisor**