



# Academic Map: Environmental Science – Ecohydrology (BS)

**Associate of Science (A.S.) | 60 Total Credits<sup>1</sup> | CSN Degree Code: PHYS-AS | Catalog Year: 2021-2022 | For Transfer to UNR**

Biological and Physical Sciences Area of Study School of Science and Mathematics Department of Physical Sciences

- Jobs and Employment Information: <https://www.csn.edu/sciencearea>

**DESCRIPTION:** The Associate of Science Degree in Physical Science is a general transfer program for students who are planning to transfer to a baccalaureate or pre-professional institution. A secondary objective may be employment upon completion of the AS degree.

## **TERM 1 – TOTAL CREDIT HOURS: 16**

	<b><u>Credits</u></b>	<b><u>Pre-Requisite/Co-Requisite</u></b>	<b><u>Area</u></b>	<b><u>Min Grade</u></b>	<b><u>Milestones and Notes</u></b>
MATH 126 Precalculus I	4	C or up in MATH 126/127/128; or ACT/SAT/Place	GE Math	C	UNR Requirement
ENG 100 or ENG 101	3	ENG Place Score; or C- and up in ENG 98 or ESL 139	GE ENG Comp	C-	
GEOL 101 Geology: Exploring Planet Earth	3	None	Special Prog	C	UNR Requirement
COM 101 Oral Communication	3	None	GE Humanities	C	
Fine Arts Elective – See an advisor/counselor	3	<i>Depends on course chosen</i>	GE Fine Arts	C	Mandatory Advising Required

## **TERM 2 – TOTAL CREDIT HOURS: 13**

	<b><u>Credits</u></b>	<b><u>Pre-Requisite/Co-Requisite</u></b>	<b><u>Area</u></b>	<b><u>Min Grade</u></b>	<b><u>Milestones and Notes</u></b>
ENG 102 Composition II	3	ENG 100/101/113 with a C- or up	GE ENG Comp	C	
MATH 127 Precalculus II	3	C or up in MATH 126; or ACT/SAT/Place	Special Prog	C	UNR Requirement
CHEM 121 General Chemistry I <sup>2</sup>	4	CHEM 103 or 110 or CHEM Placement Score	Special Prog	C	UNR Requirement
BIOL 190 Intro to Cell and Molecular Biology	4	ENG 100, 101 or 113; MATH 124 or 126 or above	Special Prog	C	Mandatory Advising Required

## **TERM 3 – TOTAL CREDIT HOURS: 15**

	<b><u>Credits</u></b>	<b><u>Pre-Requisite/Co-Requisite</u></b>	<b><u>Area</u></b>	<b><u>Min Grade</u></b>	<b><u>Milestones and Notes</u></b>
PHYS 180 and PHYS 180L	4	Corequisite PHYS180L and MATH181	GE Nat Science	C	UNR Requirement
MATH 181 Calculus I	3	C or up in MATH 127/128; or ACT/SAT/Place	Special Prog	C	
CHEM 122 General Chemistry II	4	C or up in CHEM 121	Special Prog	C	UNR Requirement
BIOL 191 Intro to Organismal Biology	4	C or up in BIOL 190	Special Prog	C	Mandatory Advising Required

## **TERM 4 – TOTAL CREDIT HOURS: 17**

	<b><u>Credits</u></b>	<b><u>Pre-Requisite/Co-Requisite</u></b>	<b><u>Area</u></b>	<b><u>Min Grade</u></b>	<b><u>Milestones and Notes</u></b>
ENG 231 or ENG 232	3	ENG 100/101/113 with a C- or up; or approval	GE Humanities	C	
MATH 182 Calculus II	4	MATH 181	Special Prog	C	UNR Requirement
PSC 101 Intro. To American Politics	4	None	GE US/NV Const	C	
NRES 210 Environmental Pollution	3	None	Special Prog	C	UNR Requirement
Soc Science Elect – See an advisor/counselor	3	<i>Depends on course chosen</i>	GE Social Science	C	Apply for Graduation

<sup>1</sup>Student will complete 61 credits based on courses needed for transfer.

<sup>2</sup>Students who place in a lower MATH and/or CHEM course will complete more than 61 credits for this degree.

