



# Academic Map: Environmental Engineering (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: 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>
MATH 181 Calculus I <sup>1</sup>	4 C or up in MATH 126/127/128; or ACT/SAT/Place Score	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-	
CHEM 121 General Chemistry I <sup>1</sup>	4 CHEM 103 or 110 or CHEM Placement Score	Special Prog	C	UNR Requirement
COM 101 Oral Communication	3 <i>None</i>	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: 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>
ENG 102 Composition II	3 ENG 100/101/113 with a C- or up	GE ENG Comp	C	
MATH 182 Calculus II	4 C or up in MATH 181; or ACT/SAT/Place Score	Special Prog	C	UNR Requirement
PHYS 180 and 180L	4 Co-req: PHYS 180L   Pre-req: C or up in MATH 181	GE Natural Sci	C	UNR Requirement
CHEM 122 General Chemistry II	4 CHEM 121 and MATH 127 or MATH 128	Special Prog	C	Mandatory Advising Required

## **TERM 3 – TOTAL CREDIT HOURS: 14**

<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 283 Calculus III	4 C or up in MATH 182; or ACT/SAT/Place Score	Special Prog	C	UNR Requirement
PHYS 181 and 181L	4 Co-req: PHYS 180L   and PHYS180180/L	Special Prog	C	UNR Requirement
Spec Prog Elective	3 <i>Depends on course chosen</i>	Special Prog	C	
Spec Prog Elective	3 <i>Depends on course chosen</i>	Special Prog	C	Mandatory Advising Required

## **TERM 4 – TOTAL CREDIT HOURS: 14**

<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 285 Differential Equations	4 C or up in MATH 182	Special Prog	C	UNR Requirement
ENG 231 or ENG 232	3 ENG 100/101/113 with a C- or up; or approval	GE Humanities	C	
PSC 101 Intro. To American Politics	4 <i>None</i>	GE US/NV Const	C	
Soc Science Elect – See an advisor/counselor	3 <i>Depends on course chosen</i>	GE Social Science	C	Apply for graduation

<sup>1</sup>Students who place in a lower MATH and/or CHEM course will complete more than 60 credits for this degree.

