



## Academic Map: BS Environmental & Resource Science

**Associate of Science (A.S.) Physical Science | 60 Total Credits | CSN Degree Code: PHYS -AS | Catalog Year: 2021-2022 | For Transfer to NSC**

Biological and Physical Sciences School of Math and Science 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	4	C or up in MATH 127; or ACT/SAT/Place Score	GE MATH	C	
ENG 101 Composition I	3	ENG Place Score; or C- and up in ENG 98 or ESL 139	GE ENG Comp	C-	
COM 101 Oral Communication	3	<i>None</i>	GE Humanities	C	
BIOL 190 Intro. to Cell and Molecular Biology	4	C or up in MATH 127 or above ENG 100, 101, 113	GE Nat. Science	C	NSC Requirement
ENV 101 Introduction to Env Science	3	<i>None</i>	Special Prog	C	Mandatory Advising Required

### **TERM 2 – 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>
ENG 102 Composition II	3	ENG 100/101/113 with a C- or up	GE ENG Comp	C	
BIOL 191 Intro. to Organismal Biology	4	C- or up in BIOL 190	Special Prog	C	NSC Requirement
CHEM 121 General Chemistry I	4	<i>CHEM 103 or CHEM 110 or Chem Place</i>	Special Prog	C	NSC Requirement
Social Science Elec. - See an advisor/counselor	3	<i>Depends on course chosen</i>	GE Social Science	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>
ENV220 or BIOL 220	3	<i>None</i>	Special Prog	C	NSC Requirement
PHYS 151 General Physics I	4	C or up in MATH 127 or above	GE Nat. Science	C	NSC Requirement
CHEM 122 General Chemistry II	4	C or up CHEM 121	Special Prog	C	NSC Requirement
PSC 101 Intro. to American Politics	4	<i>None</i>	GE US/NV Cons	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>
CHEM 241 Organic Chemistry I	4	CHEM 122	Special Prog	C	
GEOL 101 Geology: Exploring Planet Life	4	<i>None</i>	Special Prog	C	NSC Requirement
Fine Arts Elec. - See an advisor/counselor	3	<i>Depends on course chosen</i>	GE Fine Arts	C	
ENG 231 or ENG 232	3	ENG 100/101/113 with a C- or up	GE Literature	C	Apply for Graduation



## Academic Map: BS Environmental & Resource Science

**B.S. in Environmental & Resource Science | 60 Total Credits | Catalog Year: 2021-2022 | Transfer from CSN with A.S in Physical Science**

DESCRIPTION: Environmental and Resource Science is an interdisciplinary field concerned with the interaction of processes that shape our natural environment. Major Coursework requires a grade of "C-" or higher.

### **TERM 1 – TOTAL CREDIT HOURS: 15**

	<b><u>Credits</u></b>	<b><u>Pre-Requisite/Co-Requisite</u></b>	<b><u>Area</u></b>	<b><u>Milestones and Notes</u></b>
STAT 391	3	MATH 120, 126 or 181	Math Core	
GEOG 117	3	None	Major	
ERS AREA "A" ELECTIVE	3	Depends on course chosen	Major	
ERS AREA "A" ELECTIVE	3	Depends on course chosen	Major	
GENERAL ELECTIVE	3	Depends on course chosen	Elective	

### **TERM 2 – TOTAL CREDIT HOURS: 16**

	<b><u>Credits</u></b>	<b><u>Pre-Requisite/Co-Requisite</u></b>	<b><u>Area</u></b>	<b><u>Milestones and Notes</u></b>
ERS AREA "A" ELECTIVE W LAB	4	Depends on course chosen	Major	
ERS AREA "B" ELECTIVE	3	Depends on course chosen	Major	
UPPER DIVISION ELECTIVE	3	Depends on course chosen	Elective	
UPPER DIVISION ELECTIVE	3	Depends on course chosen	Elective	
GENERAL ELECTIVE	3	Depends on course chosen	Elective	

### **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>Milestones and Notes</u></b>
ERS AREA "B" ELECTIVE	3	Depends on course chosen	Major	Apply for Graduation
ERS AREA "B" ELECTIVE	3	Depends on course chosen	Major	
UPPER DIVISION ELECTIVE	3	Depends on course chosen	Elective	
UPPER DIVISION ELECTIVE	3	Depends on course chosen	Elective	
GENERAL ELECTIVE	3	Depends on course chosen	Elective	

### **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>Milestones and Notes</u></b>
ENV 480	4	None	Major	
ERS AREA "B" ELECTIVE W LAB	4	Depends on course chosen	Major	
UPPER DIVISION ELECTIVE	3	Depends on course chosen	Elective	
UPPER DIVISION ELECTIVE	3	Depends on course chosen	Elective	

\* Consult advisor for course sequencing. Some courses may only be offered specific semesters.

\* Upper Division is 300+ coursework.

\* Link to NSC Catalog Elective Course options, program information and course pre-requisites: [Environmental & Resource Science Degree Program](#)