



# Academic Map: (BS) Physics: Applied

**Associate of Science (A.S.) | 60 Total Credits | CSN Degree Code: PHYS-AS | Catalog Year: 2022-2023 | For Transfer to UNLV**

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: 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 181 Calculus I1	4 C or up in MATH 126 & 127 & 128; or ACT/SAT/Place Score	GE Math	C	UNLV Requirement
ENG 100 or 101 or 113	3 ENG Place Score; or C- and up in ENG 98 or ESL 139	GE ENG Comp	C-	
CHEM 121 General Chemistry1	4 CHEM 103 or 110 or CHEM Placement Score	Special Prog	C	UNLV Requirement
COM 101 Oral communication	3 None	GE Humanities	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 or 114	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	UNLV Requirement
CHEM 122 General Chemistry II	4 C or up in CHEM 121	Special Prog	C	UNLV Requirement
PHYS 180 and 180L	4 Co-req: PHYS 180L   C or up in MATH 181	GE Nat. 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>
ENG 231 or ENG 232	3 ENG 100/101/113 with a C- or up; or approval	GE Humanities	C	
MATH 283 Calculus III	4 C or up in MATH 182; or ACT/SAT/Place Score	Special Prog	C	UNLV Requirement
PHYS181 and 181LI	4 Co-req: PHYS181L	Special Prog	C	UNLV Requirement
HIST 100 or PSC 101	4 None	GE US/NV Const	C	Mandatory Advising Required

## **TERM 4 – 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>
Fine Arts Elect - See an advisor/counselor	3 <i>Depends on course chosen</i>	GE Fine Arts	C	
CS 135 Computer Science I	3 ACT/SAT Placement Score or C or up in MATH 127 or MATH 181.	Special Prog	C	
PHYS 182 and 182L	4 C or up in CHEM 241	Special Prog	C	UNLV Requirement
MATH 285 Differential Equations	3 C or up in MATH 182	Special Prog	C	UNLV Requirement
Soc Science Elect – See an advisor/counselor	3 <i>Depends on course chosen</i>	GE Social Science	C	Apply for Graduation

<sup>12</sup>Students who place in a lower MATH and/or CHEM course will complete more than 60 credits for this degree.

