



Academic Map: Physical Sciences – BS Civil Engineering

Associate of Science (A.S.) | 60 Total Credits¹ | CSN Degree Code: PHYS-AS | Catalog Year: 2021-2022 | 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>
- *This map is for transfer to UNLV's Civil/Environmental Engineering Program*

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

	<u>Credits</u>	<u>Pre-Requisite/Co-Requisite</u>	<u>Area</u>	<u>Min Grade</u>	<u>Milestones and Notes</u>
MATH 181 Calculus I ²	4	C or up in MATH 126/127/128; or ACT/SAT/Place Score	GE Math	C	
ENG 100 or 101	3-5	ENG Place Score; or C- and up in ENG 98 or ESL 139	GE ENG Comp	C-	
CHEM 121 General Chemistry ²	4	CHEM 103 or 110 or CHEM Placement Score	Special Prog	C	UNLV Requirement
COM 101 Oral Communication	3	<i>None</i>	GE Humanities	C	UNLV Requirement
<i>Fine Arts Elective – See an advisor/counselor</i>	3	Depends on course chosen	GE Fine Arts	C	Mandatory Advising Required

TERM 2 – TOTAL CREDIT HOURS: 16

	<u>Credits</u>	<u>Pre-Requisite/Co-Requisite</u>	<u>Area</u>	<u>Min Grade</u>	<u>Milestones and Notes</u>
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
PHYS 180 and 180L	4	Co-req: PHYS 180L Pre-req: C or up in MATH 181	GE Natural Sci	C	UNLV Requirement
CEE 121 Elementary Surveying	2	C or up in MATH 127 or 128	Special Prog	C	UNLV Requirement
<i>Soc Science Elect – See an advisor/counselor</i>	3	Depends on course chosen	GE Soc Sci	C	Mandatory Advising Required

TERM 3 – TOTAL CREDIT HOURS: 14

	<u>Credits</u>	<u>Pre-Requisite/Co-Requisite</u>	<u>Area</u>	<u>Min Grade</u>	<u>Milestones and Notes</u>
CEE 241 Statics	3	PHYS 180 and MATH 182	Special Prog	C	UNLV Requirement
MATH 283 Calculus III	4	C or up in MATH 182; or ACT/SAT/Place Score	Special Prog	C	UNLV Requirement
GEOL 101 Geology: Exploring Planet Earth	4	<i>None</i>	Special Prog	C	UNLV Requirement
PHIL 242 Ethics for Engineers & Scientists	3	<i>None</i>	Special Prog	C	Mandatory Advising Required

TERM 4 – TOTAL CREDIT HOURS: 13

	<u>Credits</u>	<u>Pre-Requisite/Co-Requisite</u>	<u>Area</u>	<u>Min Grade</u>	<u>Milestones and Notes</u>
ME 242 Dynamics	3	CEE 241 and PHYS 180 and 180L and MATH 182	Special Prog	C	UNLV Requirement
ENG 231 or ENG 232	3	ENG 100/101/113 with a C- or up; or approval	GE Humanities	C	UNLV Requirement
CEE 250 Sustainability in Civil/Env Engineering	3	C or up in CHEM 121 and MATH 181	Special Prog	C	UNLV Requirement
PSC 101 Intro. To American Politics	4	<i>None</i>	GE US/NV Const	C	Apply for graduation

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

