



Academic Map: Physical Sciences – BA Chemistry

Associate of Science (A.S.) | 60 Total Credits¹ | 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

| | <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 | 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 Chemistry ² | 4 | CHEM 103 or 110 or CHEM Placement Score | Special Prog | C | UNLV Requirement |
| Soc Science Elect – See an advisor/counselor | 3 | <i>Depends on course chosen</i> | GE Social Science | C | Mandatory Advising Required |

TERM 2 – TOTAL CREDIT HOURS: 15

| | <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 |
| CHEM 122 General Chemistry II | 4 | C or up in CHEM 121 | Special Prog | C | UNLV Requirement |
| PSC 101 Intro. To American Politics | 4 | <i>None</i> | GE US/NV Const | C | Mandatory Advising Required |

TERM 3 – TOTAL CREDIT HOURS: 15

| | <u>Credits</u> | <u>Pre-Requisite/Co-Requisite</u> | <u>Area</u> | <u>Min Grade</u> | <u>Milestones and Notes</u> |
|--|----------------|--|----------------|------------------|-----------------------------|
| 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 |
| CHEM 241 Organic Chemistry I | 4 | CHEM 122 | Special Prog | C | UNLV Requirement |
| PHYS 151A & 151L | 4 | C or up in MATH 127 or MATH 181 | GE Natural Sci | C | |
| SP Elective - See an advisor/counselor | 3 | C or up in MATH 182 | Special Prog | C | Mandatory Advising Required |

TERM 4 – 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> |
|--|----------------|-----------------------------------|---------------|------------------|-----------------------------|
| Fine Arts Elect - See an advisor/counselor | 3 | <i>Depends on course chosen</i> | GE Fine Arts | C | UNLV Requirement |
| CHEM 242 Organic Chemistry II | 4 | C or up in CHEM | Special Prog | C | UNLV Requirement |
| PHYS 152A and 152L | 4 | 241 PHYS 151 | Special Prog | C | |
| COM 101 Oral communication | 3 | <i>None</i> | GE Humanities | C | Apply for graduation |

¹Student will complete 61 credits based on courses needed for transfer.

²Students who place in a lower MATH and/or CHEM course will complete more than 60 credits for this degree.

