



Academic Map: BS Mathematics

Associate of Science (A.S.) | 60 Total Credits | CSN Degree Code: AS | Catalog Year: 2024-2025 | For Transfer to NS

Biological and Physical Sciences School of Math and Science Department of Mathematics

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. A minimum cumulative GPA of 2.0 is required for transfer to NS.

TERM 1 – TOTAL CREDIT HOURS: 13

MATH 181 Calculus I ENG 101 Composition I	4	C or up in MATH 96/96E; or ACT/SAT/Place Score	GE MATH	
COM 101 Oral Communication	3	ENG Place Score; or C- and up in ENG 98 or ESL 139	GE ENG Comp	
Social Science Elec. - See an advisor/counselor	3	None	GE Humanities	
MATH 181 Calculus I ENG 101 Composition I	3	Depends on course chosen	GE Social Science	

TERM 2 – TOTAL CREDIT HOURS: 16

ENG 102 Composition II	3	ENG 100/101/113 with a C- or up	GE ENG Comp	
MATH 182 Calculus II	4	C or up in MATH 181; or ACT/SAT/Place Score	Special Prog	
Nat Science No Lab – See an advisor/counselor	3	Depends on course chosen	GE Nat Science	
Fine Arts Elec. - See an advisor/counselor	3	None	GE Fine Arts	
SP Core Elective- See an advisor/counselor	3	Depends on course chosen	SP Core Require	

TERM 3 – TOTAL CREDIT HOURS: 17

ENG 231 or ENG 232	3	ENG 100/101/113 with a C- or up	GE Literature	
MATH 283 Calculus II	4	C or up in MATH 182; or ACT/SAT/Place Score	Special Prog Elec	
SP Core Elective- See an advisor/counselor	3	Depends on course chosen	SP Core Require	CS 135 or CS 138 recommended by NS
STAT 152 Intro to Stats	3	A grade of C or better in either MATH 124 or MATH 124E or MATH 126 or MATH 126E or MATH 128; or ACT/SAT/Place Score	SP Core Require	
SP Core Elective- See an advisor/counselor	3	Depends on course chosen	SP Core Require	

TERM 4 – TOTAL CREDIT HOURS: 14

MATH 285 Differential Equations	3	C or up in MATH 182	Special Prog Elec	Apply for graduation
PSC 101 Intro to American Politics	4	None	GE US/NV Cons	
MATH 251 Discrete Mathematics I	3	C or up in MATH 181	Special Prog Elec	
Nat Science w Lab – See an advisor/counselor	4	Depends on course chosen	GE Nat Science	



Academic Map: BS Mathematics

B.S. in Mathematics | 60 Total Credits | Catalog Year: 2024-2025 | Transfer from CSN with A.S.

DESCRIPTION: The mathematics degree at Nevada State College will provide a firm foundation of logical, clear-minded, and precise thinking for students who want to pursue a career in teaching or industry or pursue a graduate degree in any of a variety of fields. Major Coursework requires a grade of "C-" or higher.

TERM 1 – TOTAL CREDIT HOURS: 15

<u>Credits</u>	<u>Pre-Requisite/Co-Requisite</u>	<u>Area</u>	<u>Milestones and Notes</u>
MATH OR STAT UPPER DIVISION ELECTIVE	3	Depends on course chosen	Major
MATH OR STAT UPPER DIVISION ELECTIVE	3	Depends on course chosen	Major
GENERAL ELECTIVE	3	Depends on course chosen	Elective
GENERAL ELECTIVE	3	Depends on course chosen	Elective
GENERAL ELECTIVE	3	Depends on course chosen	Elective

TERM 2 – TOTAL CREDIT HOURS: 15

<u>Credits</u>	<u>Pre-Requisite/Co-Requisite</u>	<u>Area</u>	<u>Milestones and Notes</u>
MATH OR STAT UPPER DIVISION ELECTIVE	3	Depends on course chosen	Major
MATH 330	3	MATH 182	Major
MATH 352	3	MATH 182	Major
MATH 301	3	MATH 182	Major
GENERAL ELECTIVE	3	Depends on course chosen	Elective

TERM 3 – TOTAL CREDIT HOURS: 15

<u>Credits</u>	<u>Pre-Requisite/Co-Requisite</u>	<u>Area</u>	<u>Milestones and Notes</u>
MATH 453	3	MATH 301 and MATH 330	Major
MATH 457	3	MATH 301	Major
GENERAL ELECTIVE	3	Depends on course chosen	Elective
GENERAL ELECTIVE	3	Depends on course chosen	Elective
GENERAL ELECTIVE	3	Depends on course chosen	Elective

TERM 5 – TOTAL CREDIT HOURS: 15

<u>Credits</u>	<u>Pre-Requisite/Co-Requisite</u>	<u>Area</u>	<u>Milestones and Notes</u>
MATH 430, 454 or 458	3	Depends on course chosen	Major
MATH 489	3	Instructor Approval	Major
MATH or STAT UPPER DIVISION ELECTIVE	3	Depends on course chosen	Major
GENERAL ELECTIVE	3	Depends on course chosen	Elective
GENERAL ELECTIVE	3	Depends on course chosen	Elective

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

* Upper Division is 300+ coursework.

* Link to NS Catalog for elective course options, program information and course pre-requisites: [Nevada State Catalog](#)