



Academic Map: BS Mathematics

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

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 is a general transfer program for students who are planning to transfer to UNLV, UNR, NSC, GBC or another baccalaureate-level institution. A secondary objective may be employment upon completion of the AS.

TERM 1 – 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>
MATH 181 Calculus I	4	C or up in MATH 96/96E; 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
Social Science Elec. - See an advisor/counselor	3	<i>Depends on course chosen</i>	GE Social Science	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 Composition II	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 NSC Requirement
Nat. Science No Lab-See an advisor/counselor	3	<i>Depends on course chosen</i>	GE Nat. Science	C
Fine Arts Elec. - See an advisor/counselor	3	<i>None</i>	GE Fine Arts	C
SP Core Elective- See an advisor/counselor	3	<i>Depends on course chosen</i>	SP Core Require	C Mandatory Advising Required

TERM 3 – 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>
ENG 231 or ENG 232	3	ENG 100/101/113 with a C- or up	GE Literature	C
MATH 283 Calculus II	4	C or up in MATH 182; or ACT/SAT/Place Score	Special Prog Elec	C NSC Requirement
CS 135 Computer Science I	3	C or up MATH 127 or above	SP Core Require	C NSC Requirement
PHYS 180 Phys for Sci. and Engineers I	4	C or up in MATH 182	SP Core Require	C NSC Recommended Course
MATH 253 Matrix Algebra	3	C or up in MATH 182	SP Core Require	C Mandatory Advising Required

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



Academic Map: BS Mathematics

B.S. in Mathematics | 60 Total Credits | Catalog Year: 2021-2022 | 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.

<u>TERM 1 – TOTAL CREDIT HOURS: 15</u>	<u>Credits</u>	<u>Pre-Requisite/Co-Requisite</u>	<u>Area</u>	<u>Milestones and Notes</u>
MATH 301	3	MATH 182	Major	
MATH 352	3	MATH 182	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	
<u>TERM 2 – TOTAL CREDIT HOURS: 15</u>	<u>Credits</u>	<u>Pre-Requisite/Co-Requisite</u>	<u>Area</u>	<u>Milestones and Notes</u>
MATH 457	3	MATH 301	Major	
MATH 330	3	MATH 182	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	
<u>TERM 3 – TOTAL CREDIT HOURS: 15</u>	<u>Credits</u>	<u>Pre-Requisite/Co-Requisite</u>	<u>Area</u>	<u>Milestones and Notes</u>
MATH 453	3	MATH 330	Major	Apply For Graduation
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	
<u>TERM 4 – TOTAL CREDIT HOURS: 15</u>	<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	
GENERAL ELECTIVE	3	Depends on course chosen	Elective	
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 specific semesters.

* Upper Division is 300+ coursework.

* Link to NSC Catalog for Elective Course options, program information and course pre-requisites: [Mathematics Degree Program](#)