



Academic Map: Mathematics – Applied (BS)

Associate of Science (A.S.) | 60 Total Credits¹ | CSN Degree Code: AS | Catalog Year: 2021-2022 | For Transfer to UNR

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: 16

	<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 96/96E; or ACT/SAT/Place Score	GE MATH	C	UNR Requirement
ENG 100 or ENG 101	3	ENG Place Score; or C- and up in ENG 98 or ESL 139	GE ENG Comp	C-	
COM 101 Oral Communication	3	None	GE Humanities	C	
CS 135 Computer Science I	3	MATH 127 or above	Special Prog	C	UNR Requirement
Fine Arts Elec. - See an advisor/counselor	3	<i>Depends on course chosen</i>	GE Fine Arts	C	Mandatory Advising Required

TERM 2 – 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 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	UNR Requirement
CS 202 Computer Science	3	CS 135	Special Prog	C	UNR Requirement
PHYS 180 and PHYS 180L	4	Co-req: PHYS 180L Pre-req: C or up in MATH 181	Special Prog	C	UNR Requirement
Social Science Elec. - See an advisor/counselor	3	<i>Depends on course chosen</i>	GE Social Science	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>
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	UNR Requirement
Nat. Science W Lab-See an advisor/counselor	4	C or up MATH 127 or above	GE Nat. Science	C	
MATH 253 Matrix Algebra	3	C or up in MATH 182	Special Prog	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	UNR Requirement
PSC 101 Intro. to American Politics	4	None	GE US/NV Cons	C	
MATH 251 Discrete Mathematics I	3	C or up in MATH 181	Special Prog Elec	C	UNR Requirement
Nat. Science no Lab-See an advisor/counselor	3	<i>Depends on course chosen</i>	GE Nat. Science	C	Apply for graduation

¹Students will complete a total of 61 credits for transfer

²Students who place in a lower MATH and/or CHEM course will complete more than 62 credits for this degree.

