



# Academic Map: BA Interdisciplinary Data Science

**Associate of Arts (A.A.) | 60 Total Credits | CSN Degree Code: AA | Catalog Year: 2021-2022 | For Transfer to NSC**

**DESCRIPTION:** The Associate of Arts Degree is a general transfer program for students who are planning to transfer to UNLV, UNR, NSC, GBC or another baccalaureate-level institution. Students who are transferring outside the NSHE are advised to select courses that meet the requirements of the institution to which they intend to transfer.

<b><u>TERM 1 – TOTAL CREDIT HOURS: 15</u></b>	<b><u>Credits</u></b>	<b><u>Pre-Requisite/Co-Requisite</u></b>	<b><u>Area</u></b>	<b><u>Min Grade</u></b>	<b><u>Milestones and Notes</u></b>
MATH 127 PreCalculus II	3	C or up in MATH 126; or ACT/SAT/Place Score	GE MATH	C	NSC Requirement
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	None	GE Humanities	C	
Social Science Elec. - See an advisor/counselor	3	Depends on course chosen	Special Prog	C	
PHIL 114 Introduction to Symbolic Language	3	None	GE Analytical Rea	C	Mandatory Advising Required
<b><u>TERM 2 – TOTAL CREDIT HOURS: 15</u></b>	<b><u>Credits</u></b>	<b><u>Pre-Requisite/Co-Requisite</u></b>	<b><u>Area</u></b>	<b><u>Min Grade</u></b>	<b><u>Milestones and Notes</u></b>
ENG 102 Composition II	3	ENG 100/101/113 with a C- or up	GE ENG Comp	C	
CS 135 Computer Science I	3	C or up MATH 127 or above	SP Core Require	C	NSC Requirement
Nat. Science No Lab-See an advisor/counselor	3	Depends on course chosen	GE Nat. Science	C	
Fine Arts Elec. - See an advisor/counselor	3	None	GE Fine Arts	C	
IS 115 Introduction to Programming	3	C or up in MATH 95; or ACT/SAT/Place Score	SP Core Require	C	Mandatory Advising Required
<b><u>TERM 3 – TOTAL CREDIT HOURS: 16</u></b>	<b><u>Credits</u></b>	<b><u>Pre-Requisite/Co-Requisite</u></b>	<b><u>Area</u></b>	<b><u>Min Grade</u></b>	<b><u>Milestones and Notes</u></b>
ENG 231 or ENG 232	3	ENG 100/101/113 with a C- or up	GE Literature	C	
MATH 181 Calculus I	4	C or up in MATH 126/127; or ACT/SAT/Place Score	Special Prog Elect	C	NSC Recommended Course
CS 202 Computer Science II	3	C or up CS 135	SP Core Require	C	
CIT 180 Database Concepts and SQL	3	IS 115	SP Core Require	C	
Elective	3	Depends on course chosen	Special Prog Elect	C	Mandatory Advising Required
<b><u>TERM 4 – TOTAL CREDIT HOURS: 14</u></b>	<b><u>Credits</u></b>	<b><u>Pre-Requisite/Co-Requisite</u></b>	<b><u>Area</u></b>	<b><u>Min Grade</u></b>	<b><u>Milestones and Notes</u></b>
CIT 260 Systems Analysis and Design	3	None	SP Core Require	C	
PSC 101 Intro. to American Politics	4	None	GE US/NV Cons	C	
Nat. Science w Lab-See an advisor/counselor	4	Depends on course chosen	GE Nat. Science	C	
<b>Elective</b>	<b>3</b>	<b>Depends on course chosen</b>	<b>Special Prog Elect</b>	<b>C</b>	<b>Apply for graduation</b>



## Academic Map: BA Interdisciplinary Data Science

**B.S. in Data Science | 60 Total Credits | Catalog Year: 2021-2022 | Transfer from CSN with A.A. in Computer Science**

DESCRIPTION: The Interdisciplinary Data Science at Nevada State College will provide students a firm foundation in data management and analysis. Graduates of this program will possess the ability to create data reports and visualizations that can help other stakeholders understand complex information and make evidence-based decisions. Available careers include data analyst, operations manager, database administrator, and software engineer. Major Coursework requires a grade of “C-” or higher.

### **TERM 1 – TOTAL CREDIT HOURS: 15**

	<b><u>Credits</u></b>	<b><u>Pre-Requisite/Co-Requisite</u></b>	<b><u>Area</u></b>	<b><u>Milestones and Notes</u></b>
DATA 101	3	None	Major	Mandatory Advising
STAT 152	3	MATH 96 or above	Major	
DATA 210	3	CS 135	Major	
PROFESSIONAL SKILLES ELECTIVE	3	Depends on course chosen	Major	
MINOR DEGREE COURSE	3	Depends on minor degree chosen	Minor	

### **TERM 2 – TOTAL CREDIT HOURS: 15**

	<b><u>Credits</u></b>	<b><u>Pre-Requisite/Co-Requisite</u></b>	<b><u>Area</u></b>	<b><u>Milestones and Notes</u></b>
DATA 220	3	DATA 101 STAT 152	Major	Mandatory Advising
PROFESSIONAL SKILLES ELECTIVE	3	Depends on course chosen	Major	
MINOR DEGREE COURSE	3	Depends on minor degree chosen	Minor	
MINOR DEGREE COURSE	3	Depends on minor degree chosen	Minor	
GENERAL ELECTIVE	3	Depends on course chosen	Elective	

### **TERM 3 – TOTAL CREDIT HOURS: 15**

	<b><u>Credits</u></b>	<b><u>Pre-Requisite/Co-Requisite</u></b>	<b><u>Area</u></b>	<b><u>Milestones and Notes</u></b>
DATA 310	3	DATA 101 CS 202	Major	Apply For Graduation
DATA 330	3	STAT 152 MATH 126/127	Major	
PROFESSIONAL SKILLES ELECTIVE	3	Depends on course chosen	Major	
MINOR DEGREE COURSE	3	Depends on minor degree chosen	Minor	
MINOR DEGREE COURSE	3	Depends on minor degree chosen	Minor	

### **TERM 4 – TOTAL CREDIT HOURS: 15**

	<b><u>Credits</u></b>	<b><u>Pre-Requisite/Co-Requisite</u></b>	<b><u>Area</u></b>	<b><u>Milestones and Notes</u></b>
DATA 480 or DATA 490	3	Depends on course chosen	Major	Mandatory Advising
MATH 182, 330, 352, DATA 329 or 410	3	Depends on course chosen	Major	
MINOR DEGREE COURSE	3	Depends on minor degree chosen	Minor	
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.

\* Link to NSC Website for Minor Degree options: [NSC Degrees & Programs](#)

\* Link to NSC Catalog for elective course options, program information and course pre-requisites: [BA Interdisciplinary Data Science Degree Program](#)