

# DATA SCIENCE

## Associate in Science Checklist

- Complete a minimum of 60 total degree credits.
- Fulfill the College Degree Requirements in conjunction with this degree plan.
- View the General Education Matrix for a complete list of qualifying courses.
- Consult with an Academic Advisor and the intended institution being transferred to.
- **Note:** Courses listed on the degree plan are suggested and may vary dependent on the situation.

## Degree Plan

### General Education

#### Written Communications

ENGL 110	College Composition I	3
Select one of the following:		3
ENGL 120	College Composition II	
ENGL 125	Introduction to Professional Writing	
<b>Credits Subtotal</b>		<b>6</b>

#### Oral Communications

COMM 110	Fundamentals of Public Speaking	3
<b>Credits Subtotal</b>		<b>3</b>

#### Arts & Humanities

Select two of the following recommended courses:		6
ART 110	Introduction to the Visual Arts	
HIST 103	United States to 1877	
HIST 104	United States Since 1877	
MUSC 100	Music Appreciation	
PHIL 210	Ethics	
<b>Credits Subtotal</b>		<b>6</b>

#### Social & Behavioral Sciences

ECON 201	Principles of Microeconomics	3
Select one of the following recommended courses:		3
CJ 201	Introduction to Criminal Justice	
ECON 202	Principles of Macroeconomics	
POLS 115	American Government	
PSYC 111	Introduction to Psychology	
SOC 110	Introduction to Sociology	
<b>Credits Subtotal</b>		<b>6</b>

#### Math, Science & Technology

MATH 210	Elementary Statistics	3
BIOL 150	General Biology I	3
BIOL 150L	General Biology I Lab	1
PHYS 251	University Physics I	4
PHYS 251L	University Physics I Lab	1
Select from one of the following recommended courses:		3
(Needed if 15 credits for Math, Science & Technology have not been met.)		
CSCI 101	Introduction to Computers	

CIS 147 Principles of Information Security

<b>Credits Subtotal</b>	<b>15</b>
-------------------------	-----------

<b>General Education Total Credits</b>	<b>36</b>
--	-----------

## Enrichment

Select 2 enrichment credits from the Enrichment Course Matrix. A course listed as general education and enrichment may satisfy both requirements upon successful completion.

Enrichment Course Matrix	2
--------------------------	---

## Diversity

Select 3 diversity credits from the General Education & Diversity Matrix. A course listed as general education and diversity may satisfy both requirements upon successful completion.

General Education & Diversity Matrix	3
--------------------------------------	---

## Digital Literacy

Select one of the following:

ENGL 110	College Composition I
----------	-----------------------

NDUS Institution Approved Training Course
---

NDUS Institution Designated Digital Literacy Course
---

## Electives

### Transfer Electives

Select from the following recommended courses dependent on your transfer situation and total degree credits needed.

CIS 185	Introduction to Programming	3
---------	-----------------------------	---

CSCI 160	Computer Science I	4
----------	--------------------	---

MATH 208	Discrete Mathematics	3
----------	----------------------	---

MATH 210	Elementary Statistics	3
----------	-----------------------	---

MATH 220	Probability and Statistics	3
----------	----------------------------	---

MATH 227	Applied Linear Algebra	3
----------	------------------------	---

MATH 265	Calculus III	4
----------	--------------	---

Any course dependent on your transfer situation.