

# TECHNOLOGY STUDIES: DATA SCIENCE, AS

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**Program code:** DTAS-AS-COT

**Location:** Capital, Gateway, Northwestern, Three Rivers, Tunxis

## Degree Requirements

Code	Title	Credits
<b>Technology Studies General Education Core</b>		
ENG 1010	Composition	3
MATH 1610	Precalculus	4
ART Elective (course vetted for ARHX)		3
CHEM 1110	Concepts of Chemistry	4
or CHEM 1210	General Chemistry I	
Elective HISX - Historical Knowledge Course or Elective SBSX course in ECON		3
ENG 1080	Composition II: Technical Writing	3
or COMM 1301	Public Speaking	
CCS 1001	College and Career Success	3
<b>Technology Studies Program Core</b>		
PHYS 1201	General Physics I	4
or PHYS 2201	Calculus-Based Physics I	
Elective BHEL - Behavioral Science Elective - choose an ANTH, PSY or SOC course		3
MATH 1200	Statistics I	3-4
or MATH 1201	Statistics I with Computer Applications	
<b>Data Science Courses</b>		
DTS 2290	Capstone Research	3
Math or Programming or Computer Applications Elective		3-4
MATH 2600	Calculus I	4
MATH 2200	Statistics II	3
DTS 2201	Programming in Data Science	3-4
or DTS 2203	Elements of Data Science	
DTS 2220	Introduction to Machine Learning	3
Math or Programming Elective		3-4
Math or Programming Elective		3-4
Specialization Electives		6
<b>Total Credits</b>		<b>64-69</b>