

Southern Arkansas University Tech

Draft Degree Plan

A.S. in Data Science

Developmental Coursework

Composition I Lab	
Pre-Calculus Math	
Pre-Calculus Math Lab	

Semester I

Course	Credits
Composition I	3
CPSC 1004 Programming I	4
Introduction to Data Science	3
ECON or GEOG or HIST or PSCI or PSYC or SOC	3
U.S. History I OR U.S. History II OR American National Government	3
TOTAL	16

Semester II

Course	Credits
Composition II	3
CPSC 1014 Programming II	4
Calculus I	5
DASC 1223 Intermediate Data Science	3
TOTAL	15

Semester III

Course	Credits
BIOL or CHEM or SOC Elective	4
Calculus II	5
DASC 2113 Principles and Techniques of Data Science	3
DASC 2213 Data Visualization and Communications	3
TOTAL	15

Semester IV

Course	Credits
DASC 2203 Database Management Systems	3
DASC 2133 Data Privacy and Ethics	3
ECON or GEOG or HIST or PSCI or PSYC or SOC	3
BIOL or CHEM or SOC Elective	4
Public Speaking OR Social Science OR Humanities Elective	3
TOTAL	16
TOTAL A.S. in Data Science	62

Total State Minimum General Education Core: 36 Credit Hrs.; 8 hours of science, 3 hours of Fine Arts, 9 hours of History/Social Science. Total Program Core: 26 Credit Hrs.