

Minor in Data Science

The Data Science minor equips students with the skills to collect, analyze and interpret complex data in a variety of contexts. Through a blend of statistical methods, computational tools and ethical considerations, students learn to transform data into meaningful insights and informed decisions.

Some majors may not be eligible to pair with this minor. See the Minor Restrictions (<https://catalog.erau.edu/programs/undergraduate/minors/restrictions/>) list for details.

Prescott Minor Requirements

DSCI 150	Data Science I: Introduction	3
DSCI 151	Data Science II: Foundations	3
Choose Three of the Following:		9
CISE 460	Big Data Analytics and Machine Learning	
DSCI 176	Ethics of Data Science	
DSCI 244	Data Acquisition and Manipulation	
DSCI 412	Data Visualization	
DSCI 413 & DSCI 317	Statistics for Data Science and Statistical Software *	
DSCI 483	Cloud Computing	
CPSC 222	Introduction to Discrete Structures	
MATH 335 & DSCI 312	Introduction to Linear and Abstract Algebra and Machine Learning *	
Total Credits		15

At least six (6) credit hours upper-level (300+ level), and at least six (6) of which are distinct from otherwise major requirements.

* Both courses must be completed for a total of six hours towards the nine-hour requirement.