



# Fresno City College

DATA ANALYTICS AND PREDICTIVE  
MODELING  
2024-2025

Name: \_\_\_\_\_

ID: \_\_\_\_\_

Date: \_\_\_\_\_

Counselor Contact: \_\_\_\_\_

**Major Requirements: 24-27 units**

**A grade of "C" or better is required in the following courses**

ASSOCIATE IN SCIENCE (F.2800.AS)	C-ID	Units	Completed	In Progress	Planned
CIT 28, Client/Server Databases	ITIS 180	3			
DS 10, Introduction to Data Science		3			
DS 25, Business Analytics		3			
DS 44, Introduction to Predictive Modeling		3			
DS 21, Finite Mathematics <b>OR</b> Math 21, Finite Mathematics	MATH 130	3			
DS 23, Business Statistics <b>OR</b> Math 11, Elementary Statistics <b>OR</b> Math 42, Statistics for the Behavioral Sciences	MATH 110	3-4			
* CIT 95, Introduction to Python Programming <b>OR</b> DS 40, Introduction to R Programming for Data Science	ITIS 130	3-4			
<b>Select one course:</b>					
CIT 99, Introduction to Machine Learning <b>OR</b> DS 55, Visualizing Data		3-4			

**NOTES:**

1. The AS Degree in Data Analytics and Predictive Modeling qualifies the student for entry-level data analyst position in business, government, and all other industries. Students interested in pursuing a B. S. Degree in Data Analytics should consult the catalog of the institution to which they wish to transfer for the specific requirements of that program.
2. \*C-ID Number ITIS 130 is approved for CIT 95 only.
3. The *Associate Degree* requires completion of the major (24-27 units) with a "C" or better grade in each course. Students must complete one of the three different general education patterns: option 1 – Fresno City College General Education, option 2 – CSU GE Breadth– California State University General Education, OR option 3 – IGETC – Intersegmental General Education Transfer Curriculum for a total of **60 semester units minimum** with a 2.0 or better GPA.