

## CROSS-DISCIPLINARY STUDIES MINOR IN DATA SCIENCE

Name: \_\_\_\_\_ EMPL ID#: \_\_\_\_\_ Major: \_\_\_\_\_

Current CP GPA: \_\_\_\_\_ Cal Poly Email: \_\_\_\_\_@calpoly.edu

First quarter at Cal Poly (Yr/Qtr): \_\_\_\_\_ Expected Graduation (Yr/Qtr): \_\_\_\_\_

### Application Information

Admission to the Cross-Disciplinary Studies Minor in Data Science requires consultation with a Data Science program coordinator in your home department (Statistics or Computer Science) and a B- grade or better in DATA 301.

DATA 301 Grade/Term: \_\_\_\_\_

Typically applications are accepted during the first three weeks of Spring Quarter and application decisions are announced during the fifth week of the Spring Quarter.

### Required Courses – Total 80 units

CSC/CPE 101	Fundamentals of Computer Science	4
CSC/CPE 202	Data Structures	4
CSC/CPE 203	Project-Based Object-Oriented Programming and Design	4
CSC 348 or MATH 248	Discrete Structures / Methods of Proof	4
CSC 349	Design and Analysis of Algorithms	4
CSC 365	Introduction to Database Systems	4
CSC 369	Introduction to Distributed Computing	4
CSC 466	Knowledge Discovery from Data	4
DATA 301	Introduction to Data Science	4
DATA 401	Data Science	4
DATA 451	Data Science Capstone I (2)	2
DATA 452	Data Science Capstone II (2)	2
MATH 143	Calculus III	4
MATH 206 or MATH 244	Linear Algebra I / Linear Analysis I	4
STAT 302 or STAT 312	Statistics II / Statistical Methods for Engineers	4
STAT 305 or STAT 350	Intro to Prob. and Simulation / Prob. & Random Processes	4
STAT 334	Applied Linear Models	4
STAT 331	Statistical Computing	4
STAT 419	Applied Multivariate Statistics	4
Technical Electives	(CSC/STAT/DATA/MATH/PHYS)	8

Student's signature: \_\_\_\_\_ Date: \_\_\_\_\_

For computer science majors: \_\_\_\_\_ Date: \_\_\_\_\_  
CS Data Science Minor advisor (Alex Dekhtyar)

For statistics majors: \_\_\_\_\_ Date: \_\_\_\_\_  
Statistics Data Science Minor advisor (Hunter Glanz)

Distribute signed scanned copies to: ☐ Registrar's office ☐ Statistics Dept ☐ Computer Science Dept ☐ Student ☐ COSAM or CENG advising center