MS IN APPLIED DATA SCIENCE

DEGREE PLAN

Program Start: Spring 2027

Shiley-Marcos SCHOOL OF ENGINEERING
University of San Diego

This degree plan is for students beginning the MS in Applied Data Science (MSADS) program in the Spring 2027 term. This plan assumes that students will complete their degree in five consecutive semesters and do not take a leave of absence from their program. Taking a leave of absence will change the degree plan and delay the anticipated program completion.

Term	Course		Course Name	Units	Start Date	End Date
Spring 2027	ADS 550	Orientation	New Student Orientation	0	11/02/2026	01/01/2027
Spring 2027	ADS 500A	Prerequisite	Probability and Statistics for Data Science	3	01/05/2027	02/22/2027
Spring 2027	ADS 500B	Prerequisite	Data Science Programming	3	02/23/2027	04/12/2027
Students required to take the prerequisite courses will start in ADS 500A and/or ADS 500B. Students not required to take the prerequisites will start in ADS 501 and ADS 502.						
Spring 2027	ADS 501	Foundation	Foundations of Data Science and Data Ethics	3	01/05/2027	02/22/2027
Spring 2027	ADS 502	Foundation	Applied Data Mining	3	02/23/2027	04/12/2027
Summer 2027	ADS 503	Core	Applied Predictive Modeling	3	05/04/2027	06/21/2027
Summer 2027	ADS 504	Core	Machine Learning and Deep Learning for Data Science	3	06/22/2027	08/09/2027
Fall 2027	ADS 505	Core	Applied Data Science for Business	3	08/31/2027	10/18/2027
Fall 2027	ADS 506	Core	Applied Time Series Analysis	3	10/19/2027	12/06/2027
Spring 2028	ADS 507	Core	Practical Data Engineering	3	01/11/2028	02/28/2028
Spring 2028	ADS 508	Core	MLOps for Data Science	3	02/29/2028	04/17/2028
Summer 2028	ADS 509	Final Core	Applied Large Language Models for Data Science	3	05/09/2028	06/26/2028
Summer 2028	ADS 599	Capstone	Capstone Project	3	06/27/2028	08/14/2028

SPRING 2027 IMPORTANT DATES

Registration Opens	11/02/2026
Registration Deadline	12/14/2026
Financial Aid Requirements Due	12/14/2026
Last Day to Drop Any Course with a Full Refund	01/04/2027
Payment Due Date	01/05/2027
Semester Begins	01/05/2027
First Course Start Date	01/05/2027
Last Day to Drop Any Course with 95% Refund/Drop Deadline	01/08/2027
Last Day to Withdraw from Course A	02/01/2027
First Course End Date	02/22/2027
Second Course Start Date	02/23/2027
Last Day to Withdraw from Course B	03/22/2027
Second Course End Date	04/12/2027
Semester Ends	04/12/2027

Revision Date: 11/11/25. Degree plans are subject to change.

SAMPLE