

MS IN APPLIED DATA SCIENCE

DEGREE PLAN



University of San Diego®

Program Start: Fall 2025

This degree plan is for students beginning the MS in Applied Data Science (MSADS) program in the Fall 2025 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 |
|---|----------|--------------|---|-------|-------------------|------------|
| Fall 2025 | ADS 550 | Orientation | New Student Orientation | 0 | Upon Registration | 08/29/2025 |
| Fall 2025 | ADS 500A | Prerequisite | Probability and Statistics for Data Science | 3 | 09/02/2025 | 10/20/2025 |
| Fall 2025 | ADS 500B | Prerequisite | Data Science Programming | 3 | 10/21/2025 | 12/08/2025 |
| 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. | | | | | | |
| Fall 2025 | ADS 501 | Foundation | Foundations of Data Science and Data Ethics | 3 | 09/02/2025 | 10/20/2025 |
| Fall 2025 | ADS 502 | Foundation | Applied Data Mining | 3 | 10/21/2025 | 12/08/2025 |
| Spring 2026 | ADS 507 | Core | Practical Data Engineering | 3 | 01/06/2026 | 02/23/2026 |
| Spring 2026 | ADS 508 | Core | Data Science with Cloud Computing | 3 | 02/24/2026 | 04/13/2026 |
| Summer 2026 | ADS 503 | Core | Applied Predictive Modeling | 3 | 05/05/2026 | 06/22/2026 |
| Summer 2026 | ADS 504 | Core | Machine Learning and Deep Learning for Data Science | 3 | 06/23/2026 | 08/10/2026 |
| Fall 2026 | ADS 505 | Core | Applied Data Science for Business | 3 | 09/01/2026 | 10/19/2026 |
| Fall 2026 | ADS 506 | Core | Applied Time Series Analysis | 3 | 10/20/2026 | 12/07/2026 |
| Spring 2027 | ADS 509 | Final Core | Applied Text Mining | 3 | TBA | TBA |
| Spring 2027 | ADS 599 | Capstone | Capstone Project | 3 | TBA | TBA |

FALL 2025 IMPORTANT DATES

| | |
|---|------------|
| Registration Opens | 06/30/2025 |
| Registration Deadline | 08/15/2025 |
| Financial Aid Requirements Due | 08/15/2025 |
| Last Day to Drop Any Course with a Full Refund | 09/01/2025 |
| Payment Due Date | 09/02/2025 |
| Semester Begins | 09/02/2025 |
| First Course Start Date | 09/02/2025 |
| Last Day to Drop Any Course with 95% Refund/Drop Deadline | 09/05/2025 |
| First Course End Date | 10/20/2025 |
| Second Course Start Date | 10/21/2025 |
| Last Day to Withdraw from Course B | 11/17/2025 |
| Second Course End Date | 12/08/2025 |
| Semester Ends | 12/08/2025 |

Revision Date: 09/30/24. Degree plans are subject to change.