MS Data Science Requirements Worksheet

This worksheet can be used to help students in the MS Data Science program plan their time in the program and keep track of requirements that have been fulfilled and those that need to be completed. Please view all program requirements in the Guide: https://guide.wisc.edu/graduate/statistics/data-science-ms/#requirementstext.

Please note that the MS Data Science program requires 30 credits.

Statistics Core Courses (9 credits)

Course	Credits	Term Taken/Planned	Grade Received
STAT 611 Statistical Models for Data Science	3		
STAT 612 Statistical Inference for Data Science	3		
STAT 613 Statistical Methods for Data Science	3		

Computer Sciences Core Courses (9 credits)

Category	Course	Credits	Term Taken/Planned	Grade Received
Algorithms				
Systems				
Humans and Data				

Machine Learning Core Courses (6 credits)

Course	Credits	Term Taken/Planned	Grade Received
	3		
	3		

Data Science Elective Courses (6 credits)

Course	Credits	Term Taken/Planned	Grade Received

Please work with the MS Data Science Program Coordinator (msdatascience@stat.wisc.edu) if you need advice on course selection or enrollment planning.

Future Semester Enrollment Plan

Choose the option below that best aligns with your enrollment plan.

☐ Four-semester (2 year) MS Data Science student
- First Fall term: STAT 611 (3), STAT 613 (3), Computer Sciences core (3-4)
- First Spring term: STAT 612 (3), Computer Sciences core (3-4), Machine Learning core or Data Science elective (3)
- Second Fall term: Computer Sciences core (3-4), Machine Learning core or Data Science electives (6)
- Second Spring term: Any remaining Machine Learning core or Data Science electives (3)
    - o Reduced Course Load may be required if international students enroll in under 8 credits in their last semester: https://iss.wisc.edu/students/current-students/reduced-course-load/

☐ Three-semester (1.5 year) MS Data Science student
- First Fall term: STAT 611 (3), STAT 613 (3), Computer Sciences core course (3-4)
- First Spring term: STAT 612 (3), Computer Sciences core (6-8), Machine Learning core or Data Science elective (3)
- Second Fall term: Remaining Machine Learning core (3-6) and Data Science electives (3-6)

☐ One-calendar year MS Data Science student (option for UW alumni)
- Because UW alumni in MS Data Science may come from a variety of academic backgrounds, interested students are encouraged to contact the MS Data Science program coordinator at msdatascience@stat.wisc.edu for more information.

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