

# DATA SCIENCE GRADUATE ACADEMIC CERTIFICATE

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All required coursework must be completed with a grade of B or better (O-10-b (<https://catalog.uidaho.edu/general-requirements-academic-procedures/o-miscellaneous/>)).

Code	Title	Hours
MIS 555	Data Management for Big Data	3
or CS 575	Machine Learning	
or CS 579	Data Science	
STAT 517	Statistical Learning and Predictive Modeling	3
or STAT 565	Computer Intensive Statistics	
Select two of the following:		6
CS 472	Evolutionary Computation	
CS 475	Machine Learning	
OM 439	Systems and Simulation	
OM 456	Enterprise Quality Management	
MKTG 431	Marketing Analytics	
STAT 507	Experimental Design	
STAT 519	Multivariate Analysis	
STAT 565	Computer Intensive Statistics	
<b>Total Hours</b>		<b>12</b>

**Courses to total 12 credits for this certificate. At least half of the credits must be completed at the graduate level.**