



DATA SCIENCE MINOR

15 hours required

Course Number	Credits	Course Title	Prerequisites
Required	9		
MA323	3	Statistical Methods	MA223
MA475/675	3	Multivariate Methods	MA323
MA530	3	Statistical Learning	MA323; CS155 or CS177 or MA334
Electives	6		
PH242	3	Visual Analytics	CS177 or Instructor Permission
BI443	3	Epidemiology	BI163
BI458	3	Analytical Bioinformatics	BI283
CS453	3	Machine Learning	CS300 or equivalent or a Data Science minor
CS433	3	Data Analytics	CS300 or equivalent or a Data Science minor
IS375	3	Database and Information Systems	IS275; CS265 or IS330
MI375	3	Management Information Systems	MG301; Junior Standing; AD101
HA300	3	Introduction to Healthcare Management	No prerequisite
HA540	3	Healthcare Informatics	MI375; HA300 or MG301
HA545	3	Healthcare Database Systems	MI375; HA300 or MG301
MG575	3	Information Technology Management	MI375 or IS275

Please contact the Department of Mathematics in Johnson Hall, Room 201 to complete a Declaration of Minor form.
If you have any questions, feel free to give us a call at 573-651-2164 or e-mail at math@semo.edu.