DATA SCIENCE Minor

https://datascience.sas.rutgers.edu

RUTGERS
School of Arts and Sciences

Math 025

Math 026 placement

Math 115 Pre-calc

Data 101 CS 142/Stat 142 → **Stat. inference** Stat 291/212/384 Bus. 33:136:385 → **Data Management** CS 210/Stat 965/SC&I 221 → **Capstone** CS 310/Econ 323
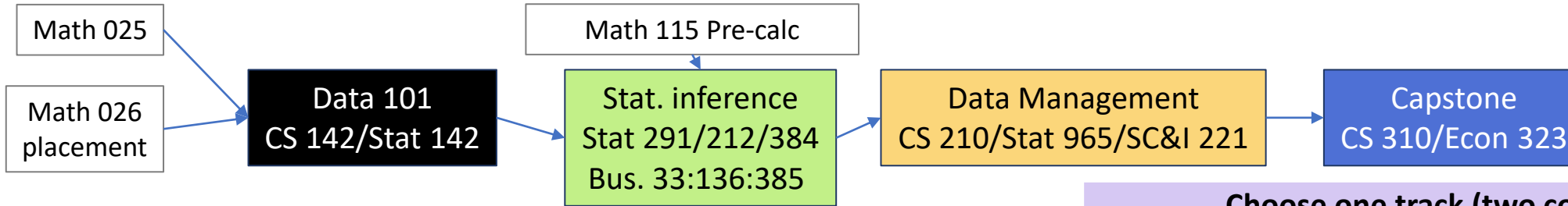
One of the approved domain courses*

SAS

| CS 439 | Econ 322 | English 207 | Genetics 303 | Geography 320/321/330 | Physics 345 | Pol. Sci. 391 | Sociology 360 | Statistics 365/463/486 |

SC&I

| Interdiscip. 220 | ITI 321 |

SEBS

| Biotech 485 |

SOE

| ECE 443 |

Choose one track (two courses) (both courses must be from the same track)

Track 1 Computing	Track 2 Statistical	Track 3 Economics	Track 4 Human-centered
Machine Learning/ Deep Learning**	Statistical Learning***	Machine Learning for Economics[+]	Information Visualization[&]
Regression Methods***	Information Visualization[&]/ Data in Context/ Regression Methods***	Information visualization[&]/ Data in Context	Data in Context

*Check departmental prerequisites.

**Computing prerequisites can be met with Math152 (Calc II), Math 250 (linear alg.), CS111, CS112 (data str.), CS205 (discrete 1), CS206 (discrete 2).

***Level II Statistics prerequisites may be fulfilled by 960:212 or 960:384 or 960:401 or 960:484 or 960:291 or the equivalent.

[+] Economics prerequisites can be met with 01:220:320, 321, and 322, and 01:640:136 or 152.

[&] Info. Visualization prerequisites can be met with 04:547:201 OR 01:198:142/01:960:142 AND 01:960:291.

Students must maintain a G.P.A. of 2.0 in the courses applied to the minor. No courses with a grade of D can be counted toward the minor.

Students are advised to check with their major department for any restrictions on counting courses for both the Data Science minor and their major.