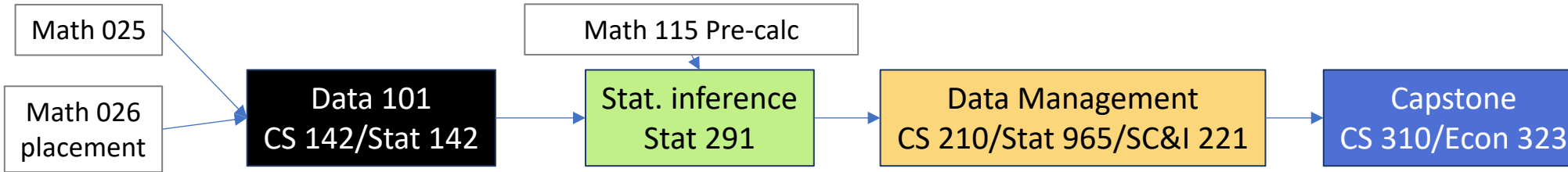


DATA SCIENCE Minor

<https://datascience.sas.rutgers.edu>



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

| | |
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| DCIM 220 | ITI 321 |
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SEBS

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| Biotech 485 |
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SOE

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| ECE 443 |
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| 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*** | Adv. analytics 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 grade 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.