

Graduate Pathway Program in Data Science

Please note that the curriculum provided here is a sample and actual course enrollment is dependent on student background, program of choice, and course availability. Actual courses are subject to change.

Depending on their undergraduate academic background, applicants may be admitted to the one- semester or two-semester pathway program in Data Science. A student's plan of study in the one- semester pathway program may vary depending on the competency gap (math or computer science) identified by the Graduate Program Co-directors.

One Semester Pathway Curriculum

(a) For those required to take remedial math courses

MTH 181 (fall/spring)
MTH 331 (Fall) or MTH 332 (Spring) MTH 221 (Fall/spring)
DSC 201 (Fall) or DSC 301 (Spring)

(b) For those required to take remedial computer science courses

CIS 181 (Fall/Spring)
CIS 360 (Fall) or CIS 322 (spring) DSC 201 (Fall) or MTH 280 (Spring) CIS 452 (fall) or CIS 490 (Spring)

Two Semester Pathway Curriculum

(a) For those starting the pathway program in the fall semester

First (Fall) Semester	Second (Spring) Semester
CIS 181 DSC 201 CIS 360 MTH 331 MTH 221	MTH 332 CIS 490 - May count towards MS with a B or better grade. DSC 301 CIS 552 - May count towards MS

(b) For those starting the pathway program in the spring semester

First (Spring) Semester	Second (Fall) Semester
CIS 181 MTH 280 CIS 322 MTH 332 DSC 301	MTH 221 (fall) MTH 331 (fall) CIS 452 (fall) - May count towards MS with a B or better grade. CIS 550 (fall) - May count towards MS