

QUEENS COLLEGE – DEPARTMENT OF MATHEMATICS
DATA SCIENCE AND STATISTICS OPTION

MAJOR CODE: MATH-BA
CONCENTRATION CODE: MATH-DSS

CONCENTRATION ADVISOR: Dr. Adam Kapelner
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Each student taking this option must visit the Data Science and Statistics advisor by the end of the upper sophomore year. The advisor will meet with the student at least once a year to coordinate the student's program.

Residency Requirement: At least **24** credits of these required and electives must be taken at Queens College.

Required Courses:

- (A) MATH 201
- (B) MATH 231 or 237
- (C) MATH 241
- (D) MATH 310 or 320
- (E) MATH 340
- (F) MATH 341
- (G) MATH 342W
- (H) MATH 343
- (I) CSCI 111
- (J) CSCI 211 (or CSCI 212)
- (K) ECON 382
- (L) ECON 387
- (M) DATA 205 (or BIOL 230 or MATH 242)

Elective Courses: Three electives from the list below. Note that no course may be counted as both required course and an elective course.

Electives – SOC 235, CSCI 48, CSCI 211, CSCI 212, CSCI 220, CSCI 240, CSCI 313, BUS 386, BIOL 330, PSYCH 323 or one relevant courses not on this list (upon prior approval by advisor.)