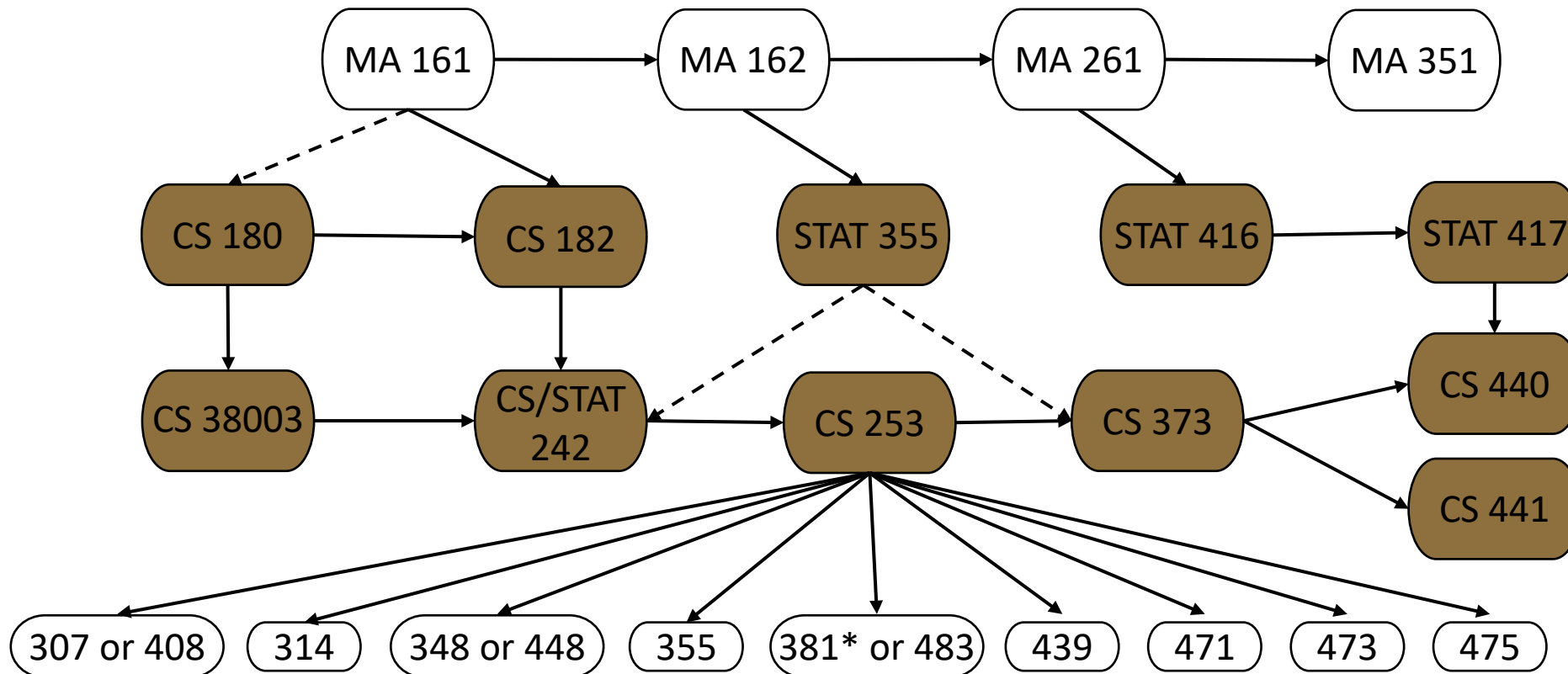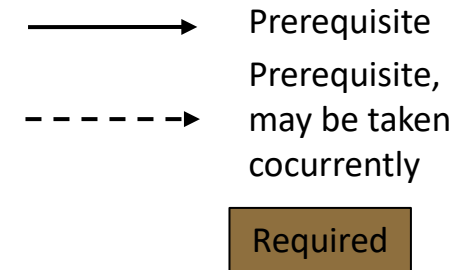# Data Science Prerequisite Flowchart – Core & CS Classes
effective Fall 2024

A grade of 'C' or better is required for all CS course prerequisites, regardless of department

→ Prerequisite

- - → Prerequisite, may be taken cocurrently

Required

MA 161 → MA 162 → MA 261 → MA 351

CS 180 → CS 182

STAT 355

STAT 416 → STAT 417

CS 38003 → CS/STAT 242 → CS 253 → CS 373

CS 373 → CS 440

CS 373 → CS 441

STAT 417 → CS 440

CS 253 →
- 307 or 408
- 314
- 348 or 448
- 355
- 381* or 483
- 439
- 471
- 473
- 475

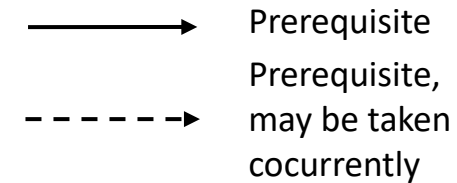*Note: this chart is applicable for Data Science with the CS or STAT focus

- CS 182 requires a C or better in MA 161
- CS 381 requires a C or higher in MA 261
- CS 355 requires a C or higher in either MA 351 or STAT 355
- CS 483 requires a C or higher in CS 381
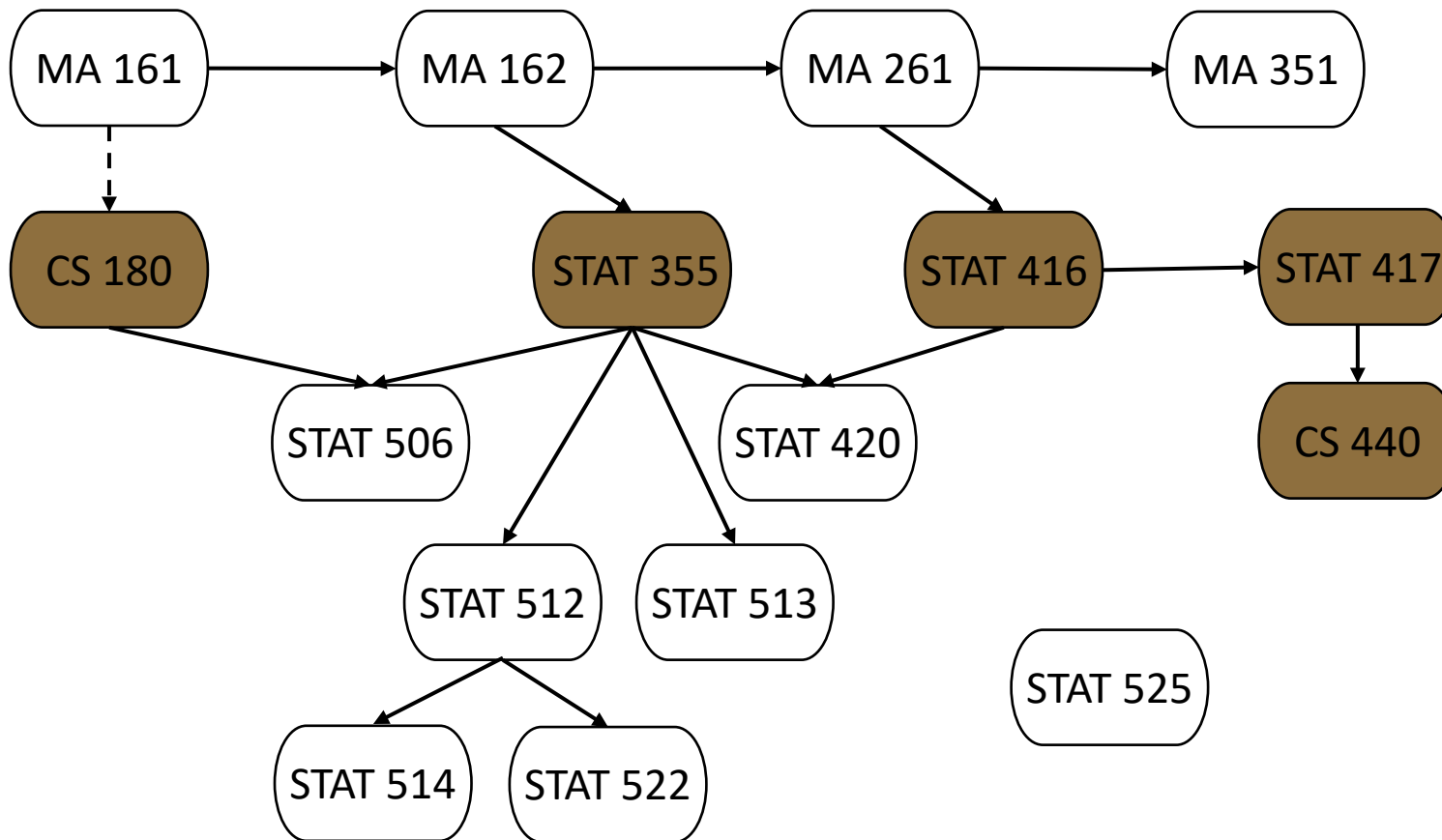
Data Science Prerequisite Flowchart – STAT Classes
effective Fall 2024
1 STAT course required

A grade of 'C' or better is required for all
CS course prerequisites, regardless of
department

→ Prerequisite

- - -→ Prerequisite,
may be taken
cocurrently

Required

MA 161 → MA 162 → MA 261 → MA 351

MA 161 ⇢ CS 180

MA 162 → STAT 355

MA 261 → STAT 416

CS 180 → STAT 506

STAT 355 → STAT 506

STAT 355 → STAT 420

STAT 355 → STAT 512

STAT 355 → STAT 513

STAT 416 → STAT 420

STAT 416 → STAT 417

STAT 417 → CS 440

STAT 512 → STAT 514

STAT 512 → STAT 522

STAT 525

*Note: this chart is applicable for Data
Science with the CS or STAT focus

- 1 STAT selective required
- All 500 level STAT classes require that a student have 60+ credits
- STAT 525 has no specific course pre-reqs