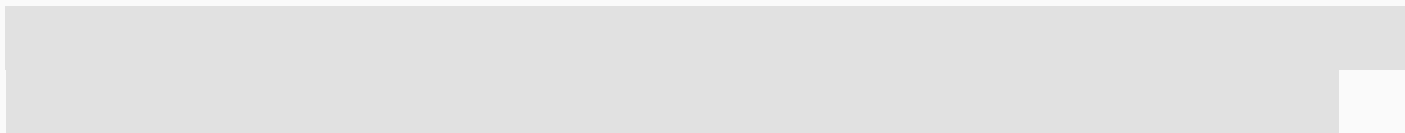## Mathematics with MS in Data Science 4+1

Recommended Five-Year Plan (Fall 2023)

The recommended five-year plan is designed to provide a blueprint for students to complete their degrees within five years. These plans are the recommended sequences of courses. Students must meet with their Major Advisor to develop a more individualized plan to complete their degree. This plan assumes that no developmental courses are required. If developmental courses are needed, students may have additional requirements to fulfill which are not listed in the plan.

!OTE: This recommended Five-Year Plan is applicable to students admitted into the major during the 2023-2024 academic year. To enroll, visit https://www.ramapo.edu/data-science/4plus1/

Changes to the traditional four-year plan are noted in light red.

the student's freshman year [Summer Session I (late May – late June) or Summer Session II (mid July – mid August)]. See the RCNJ Testing Center website for more details on the AAF test.

Those mathematics majors who end up taking Precalculus, which is a 4-credit-hour course counting towards graduation credits, can count it as, for instance, the 4 HR Elective in the Fourth Year Spring in the table above.

**A student in Math 4+1 program must take either Math 353 or Math 370, but not both. Math 353 is a fall course. Math 370 is a spring course. If a student takes both of these two courses, then the one taken earlier will count as a "MATH Elective Level 300 or Above" requirement, but the one taken later will be counted as a general elective, and not as a "Math elective Level 300 or above". Similarly, if a student first takes MATH 237 and later takes MATH 205, then MATH 205 will not count as a math elective, but as a general elective.

Total Graduate Credits Required: 30 credits****
GPA Required: 2.0
Student must be in good academic standing: https://www.ramapo.edu/provost/policy/graduate-academic-standing/

***Students must complete **two** technical electives and **one** interdisciplinary elective. DATA 730 Fieldwork Experience may be used to replace **one** of the three total electives.
****The 9 credits of graduate coursework taken in the fourth-year will double count towards both the undergraduate degree requirement of 128 credits as well as the required 30 graduate credits.