

Mathematics with MS in Computer 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/dmc/4plus1/>

Changes to the traditional four-year plan are noted in undergraduate courses taken in order to meet entry requirements, graduate courses taken as an undergraduate, and normal graduate courses

First Year

Fall Semester

HRS

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Spring Semester

HRS

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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.

*** An additional 2-credit elective is required in the 3rd year because graduate courses are only 3 credits, instead of the usual 4 for undergraduate courses. Thus, a student must take an additional 2 credits to meet the 128-credit graduation requirement. Note that one additional credit hour is being taken in the fall second year Physics lab.

Total Graduate Credits Required: 30 credits****

GPA Required for MSCS: 3.0

****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.