

Sample Schedule for Mathematics BA

These requirements hold for ALL math majors – they are the basic math requirements for all BS's in Math , too

Math 71, 72, 73, 100, 114, 135A, 145, 171, either 138 or 146 or 172 or 173, Phys 11 A/B and 12 additional math credits above the level of 100.

Year	Fall	Spring
Freshman	<ul style="list-style-type: none"> MATH 71 (4 cr, treat as 5 cr course) Language 1 (3 cr) WSC 1 (3 cr) PHYS 11A & 11B (5 cr) <p style="text-align: right;">15 credits (treat as 16 cr)</p>	<ul style="list-style-type: none"> MATH 72 (4 cr, treat as 5 cr course) Language 2 (3 cr) WSC 2 (3 cr) Hum LT Dist (3 cr) Soc Sci BH Dist (3 cr) <p style="text-align: right;">16 credits (treat as 17 cr)</p>
Sophomore	<ul style="list-style-type: none"> MATH 73 (4 cr, treat as 5 cr course) MATH 114 (3 cr) Language 3 (3 cr) Hum AA Dist (3 cr) Soc Sci HP Dist (3 cr) <p style="text-align: right;">16 credits (treat as 17 cr)</p>	<ul style="list-style-type: none"> MATH 135A (4 cr) MATH > 100 (3 cr) Hum Dist (3 cr) Soc. Sci. Dist. (3 cr) CC Dist (3 cr) <p style="text-align: right;">16 credits</p>
Junior	<ul style="list-style-type: none"> MATH 145 or 171 (3 cr, Fall only) MATH > 100 (3 cr,) Non-math lib arts (9 cr) <p style="text-align: right;">15 credits</p>	<ul style="list-style-type: none"> MATH 138 or 145 or 172 or 173 (3 cr, Spr only) MATH > 100 (3 cr) Non-math (9 cr) <p style="text-align: right;">15 credits</p>
Senior	<ul style="list-style-type: none"> MATH 100 (1 cr, Fall only, meant for Sen yr) MATH 145 or 171 (3 cr, Fall only) MATH > 100 (3 cr) Non-math (9 cr) <p style="text-align: right;">16 credits</p>	<ul style="list-style-type: none"> Non-math (12 cr) Anything (3 cr) <p style="text-align: right;">15 credits</p>

Things to note:

- The courses in bold are prerequisites for other mathematics courses and should be taken as early as possible.
- Students can opt to take the 1 credit MATH 107 every fall semester, which will count as one three credit course (assuming it runs every fall).
- Most students find it difficult to take more than two 3-4 credit math courses in a given semester, but for students who come in needing MATH 71 their first semester, they will have to take more than two such courses in at least one semester.
- If more than one of MATH 138, 146, 172 or 173 are taken, the other will count as an upper level elective.
- Students who start with MATH 50 (precalc) or with MATH 6A (algebra) should see the chairperson for advisement.
- Students who end up with credit for MATH 61 or 61A instead of MATH 71 may opt to take MATH 72 with a one credit MATH 71B. If the credit for 61 is from an AP exam, we recommend not having that credit transferred in and starting in MATH 71.
- No MATH course with number less than 71 counts towards the major except as a pre req for MATH 71 (MATH 50 or MATH 6A then MATH 50)
- NOTE: in order to fit in 79 non-math credits without going over 17 in any semester and without summer or January courses, some semesters must have extra courses with other than 3 credits.