Sample Schedules for the Joint Mathematics & Computer Science BS

This concentration requires 9 extra math credits, in addition to the basic BS in mathematics requirements.

Year	Fall	Spring
Freshman	• **MATH 71** (4 cr, treat as 5 cr course) • WSC 1 (3 cr) • Hum Dist (3 cr) • PHYS 11A & 11B (5 cr) 15 credits (treat as 16 cr)	• **MATH 72** (4 cr, treat as 5 cr course) • WSC 2 (3 cr) • Soc Sci Dist (3 cr) • PHYS 12A & 12B (5 cr) 15 credits (treat as 16 cr)
Sophomore	• **MATH 73** (4 cr, treat as 5 cr course) • **MATH 114** (3 cr) • **CSC 15** (4 cr) • CC Dist (3 cr) • Hum Dist (3 cr) 17 credits (treat as 18 cr)	• **MATH 135A** (4 cr) • MATH 147/CSC 102 (3 cr, counts for CSC & Math) • **CSC 16** (4 cr) • **CSC 24** (3 cr) • CSC 163 (1 cr) 15 credits
Junior	• MATH 145 or 171 (3 cr, Fall only) • MATH > 100 (3 cr,) • **CSC 17** (3 cr) • **CSC 110** (3 cr) • Soc. Sci. Dist (3 cr) 15 credits	• MATH 138 or 146 or 172 or 173 (3 cr, Spr only) • MATH > 100 (3 cr) • CSC 112 (3 cr) • CSC > 100 (3 cr) • Hum or SS Dist (3 cr) 15 credits
Senior	• MATH 145 or 171 (3 cr, Fall only) • MATH > 100 (3 cr) • CSC 120 or 161 (3 cr) • CSC 123 (3 cr) • CSC 185 (3 cr) 15 credits	• CSC > 100 (7 cr) • Anything (10 cr) 17 credits

Things to note:
- The courses in bold are prerequisites for other required mathematics or CSC courses.
- 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 pereq 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.