Flow Chart for BS in Mathematical Sciences with Biology Concentration - CATALOG YEAR 2019 - 2020

MATH 2500 (1) (sophomore standing)
MATH 3600 DISC-COMP
MATH 3020 STAT
MATH 4000 PROB
MATH 4400 LIN PROG
MATH 1060 (4) CALC 1
MATH 1080 (4) CALC 2
MATH 2060 (4) CALC 3
MATH 2080 (4) ODE
MATH 3110 LIN-ALG
MATH 3190 INTRO-PROOF
MATH 4530 ADV CALC 1
MATH 4540 ADV CALC 2
MATH 4920 (1) (rest. to grad. seniors)

CH 1010 Gen Chem I (4)
CH 1020 Gen Chem II (4)
CH 2230/2270 Organic Chem with lab (4)
CH 2240/2280 Organic Chem cont. with lab (4)

BCHM 3010 (recommended but can fill with other BIO 3xxx courses - see catalog)

MATH 4000 PROB
MATH 4400 LIN PROG
MATH 4530 ADV CALC 1
MATH 4540 ADV CALC 2
MATH 4920 (1) (rest. to grad. seniors)

CAPSTONE I
CAPSTONE II
ADV APPROVED MATH OR STAT 4XXX
MATH 4920 (1) (rest. to grad. seniors)

ADV. WRITING

Notes:
1) CAPSTONE: 6 credits of 4820, 6 credits of 4910, or 3 credits of 4500 + 3 credits of approved course
2) BCHM 3010 is recommended for MCAT, but there are other options for a 3xxx BIO course-see catalog
3) For MCAT, it is recommended to take Psychology 2010 and Sociology 2010 as the 2 Social Sciences
4) This is 124 total semester hours (up from 121-due to MCAT Soc. Sci. req. can’t double dip here, so need extra 3 credit course). If not taking MCAT, can double dip a Soc. Sci. instead of either Soc. or Psych. Course
5) See catalog for approved courses

THIS FLOWCHART COVERS THE BASICS – FOR MORE DETAILS SEE YOUR UNDERGRADUATE CATALOG
Note that some courses are not offered every semester – consult with advisor!
*See catalog for approved Computer Science courses.