**PROGRESSION FLOWCHART: Bachelor of Science in Mathematical Sciences - Pre-Medical Concentration**

**FRESHMAN**
- COM 1103
  - College Composition
- MCS 1142
  - Intro to C
- COM 1001
  - Pathways to Research Careers
- MCS 1414
  - Calculus 1
- MCS 1424
  - Calculus 2
- CHM 1221
  - University Chemistry 1 Lab
- CHM 1232
  - University Chemistry 2 Lab
- CHM 1213
  - University Chemistry 1
- BIO 1213
  - Biology 1
- BIO 1221
  - Biology 1 Lab
- PHY 2413
  - University Physics 1
- PHY 2421
  - University Physics 1 Lab

**SOPHOMORE**
- SSC 2413
  - Foundations of American Exper
- SSC 2423
  - Development of American Exper
- LTT 1213
  - World Masterpieces 1
- LTT 1223
  - World Masterpieces 2
- MCS 2124
  - Statistics
- MCS 2414
  - Calculus 3
- MCS 3863
  - Linear Algebra
- CHM 2313
  - Organic Chemistry 1
- PHY 2413
  - University Physics 1
- PHY 2421
  - University Physics 1 Lab
- MCS 2111
  - Mathematics Research Topics

**JUNIOR**
- SSC/PSY ___3
  - Elective
- LTT 1223
  - World Masterpieces 2
- COM 2103
  - Tech & Prof Communication
- COM 3000
  - Writing Proficiency Exam
- MCS ___3
  - Major Elective
- MCS 3403
  - Prob. & Stats
- MCS 3111
  - Mathematics Seminar

**SENIOR**
- MCS ___3
  - Jr./Sr. Math Elective
- MCS ___3
  - Jr./Sr. Math Elective
- MCS ___3
  - Jr./Sr. Math Elective
- MCS 4833
  - Senior Project 1
- MCS 4843
  - Senior Project 2
- MCS 4111
  - Mathematics Journal Club

**KEY:**
- Prerequisite
- Corequisite

122 Total Credits

Name: __________________________ I.D. No. __________

NOTES
- Must be approved by advisor
- See your advisor to schedule the upper level mathematics classes and for a list of approved electives.

Modified: June 2017