PROGRESSION FLOWCHART: Bachelor of Science in Mathematical Sciences - Actuarial Science

**FRESHMAN**
- SSC 2413 Foundations of American Exp
- LLT 1223 World Masterpieces 2
- MCS 1111 Coding Club
- COM 1103 College Composition
- LLT 1213 World Masterpieces 1
- COM 1001 Pathways to Research Careers

**SOPHOMORE**
- SSC 2423 Development of American Exp
- COM 2103 Tech & Prof Communication
- MCS 2111 Mathematics Research Topics
- MCS 1514 Computer Science 1
- MCS 2523 Discrete Math
- MCS 2414 Calculus 3
- MCS 2423 Differential Equations
- PHY 2413 University Physics 1
- MCS 2124 Statistics
- PHY 2421 University Physics 1 Lab
- Nat. Sci. Elective
- Nat. Sci. Lab

**JUNIOR**
- SSC 2303 Principles of Economics
- COM 3000 Writing Proficiency Exam
- MCS 3723 Advanced Calculus
- MCS 3863 Linear Algebra
- MCS 3603 Accounting Elective
- MCS 3403 Probability & Statistics
- MCS 3523 Math Modelling (Math Finance)
- MCS 3533 Senior Project 1
- MCS 3111 FM Prep
- Nat Sci Elective

**SENIOR**
- SSC 2403 Principles of Economics 2
- COM 3000 Writing Proficiency Exam
- FIN/MGT Elective
- MCS 4813 Numerical Analysis
- MCS 4833 Senior Project 1
- MCS 4843 Senior Project 2
- MCS 4111 Mathematics Journal Club
- MCS 4993 Topics in MCS
- SSC/PSY Elective
- LLT Elective

**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: March 2019