Interdisciplinary Mathematics/Statistics Actuarial Science AP Sample Plan

1	**MA 162** (4-5) **or 166, 173, 181** Calculus	*MA/ST 170* (2) Act. Sci.	**ENGL 101** (3) Composition	*Lab Science* (3-4)	*Language* (3)
2	**MA 261** (4-5) **or 174, 182** Calculus	*Com 114*[1] (3) Communications	**ENGL 102** (3) Composition	*CS*[2] *158 or 180* (3) C programming	*Language* (3)
3	**MA 351 or 350** (3) Linear Alg.	*STAT 350*[3] (3) Statistics	**MGMT 200** (3) Accounting	**ECON 251** (3) Micro-economics	*Language* (3)
4	**MA 366** (4) Diff. Eq	**MA/ST 416** (3) Probability	**MGMT 201** (3) Accounting 2	*Language* (3)	*MA/ST 371*[4] (2) Exam 1 May
5	**MA/ST 474** (4) Random Modeling.	**STAT 417** (3) Statistics	**MGMT 310** (3) Finance	*ECON 340*[5] (3) Inter. Micro	**ECON 252** (3) Macro-economics
6	**MA 370** (3) Interest Theo.	**STAT 512** (3) Regression	*MGMT 411*[6] *or 445 (3)* Investments	*ECON 352*[7] (3) Inter. Macro	MA/ST 372[8] (2) Exam 2 May
7	**STAT 472** (3) Act. Model 1	*Elective*	GEN ED (3)	*Lab Science* (3-4)	*Elective*
8	**STAT 473** (3) Act. Model 2	*Elective*	*GEN ED* (3)	*Lab Science* (3-4)	*Elective* Exam 3 May

This assumes 4 hours AP credit for Calculus 1. Explicitly required classes are in **Bold**. Those in italics fulfill requirements such as GEN-ED, Lab Science, elective, etc. Class hours, including AP and test out credits, must total to at least 124. By taking all of both the recommended and required classes, one obtains complete preparation for at least the first 3 actuarial exams.

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[1] Required for the Management Minor.
[2] Used as a Lab Science class and for the Management Minor.
[3] The only additional class required for the STAT degree. Uses Excel.
[4] Exam Prep Class