

NAME: _____ ID#: _____

IN EFFECT FALL 2016

APPLIED MATHEMATICS: ACTUARIAL OPTION CURRICULUM (AMTH, ACTU)

FRESHMAN YEAR

ENGL 1100 English Comp I	3	ENGL 1120 English Comp II	3
CORE HUMANITIES	3	COMP 1200 Computing for Engr	2
MATH 1610 Calculus I	4	MATH 1620 Calculus II	4
CORE HISTORY	3	CORE HISTORY or LIT ¹	3
CORE SCIENCE ⁴	4	CORE SCIENCE ⁴	4
	17		16

SOPHOMORE YEAR

MATH 2630 Calculus III	4	MATH 2650 Differential Equations	3
MATH 2660 Linear Algebra.....	3	MATH 3100 Advanced Math.....	3
ECON 2020 Microeconomics.....	3	CORE SOC SCI or HUM ³	3
CORE LITERATURE	3	ECON 2030 Macroeconomics	3
ACCT 2810 Fund of Accounting	3	Math 2790 Interest Theory	3
	16		15

JUNIOR YEAR

STAT 3600 Probability & Stats I	3	MATH 4820 Seminar in Probability	3
MATH 4790 Seminar in Finance.....	3	MATH Elective⁵	3
CORE SOCIAL SCIENCE ²	3	STATISTICS REQUISITE ⁶	3
CORE FINE ARTS	3	FINC 3610 Prin of Business Finance.....	3
Elective	4	Elective	4
	16		16

SENIOR YEAR

MATH 5800 Actuarial Math I.....	3	MATH 5810 Actuarial Math II	3
MATH 5000 Modeling.....	3	MATH Elective⁵	3
FINC 3630 Adv Business Finance	3	Elective	3
Math Elective⁵	3	Elective	3
	12		12

TOTAL HOURS 120

Long range schedules for COSAM courses are online at www.auburn.edu/cosam/students/

Courses in **BOLD** will be used to calculate GPA in major.

Options for courses labeled CORE are in the Auburn University Bulletin (www.auburn.edu/bulletin) under Core Curriculum.

¹ Students must complete a two-course sequence in either HIST or LIT (for example, World History 1 and 2 or American Lit 1 and 2). For complete HIST and LIT sequence options, see the Bulletin.

² Students who have AP or transfer credit for US History should talk to an advisor about CORE SOC SCI choices.

³ If a LIT sequence is chosen, this course must be a CORE SOC SCI. If a HIST sequence is chosen, this course must be a CORE HUMANITIES.

⁴ Core Science: One of the sequences PHYS 1600/1610, BIOL 1020/1030, CHEM 1030/1040 with labs, or GEOL 1100/1110.

⁵ MATH or STAT courses at the 3000 level or higher; no more than one 3000-level course. Subject to advisor's approval.

⁶ Any course that will serve as the statistics prerequisite for FINC-3630. See advisor for approved courses, currently STAT 2610 or 3610.