

NAME: \_\_\_\_\_

ID#: \_\_\_\_\_

**IN EFFECT FALL 2008**

**APPLIED MATHEMATICS: ACTUARIAL OPTION CURRICULUM (AMTH, ACTU)**

**FRESHMAN YEAR**

ENGL 1100 English Comp I..... 3	ENGL 1120 English Comp II.....3
CORE PHILOSOPHY ..... 3	COMP 1200 Computing for Engr.....2
<b>MATH 1610 Calculus I..... 4</b>	<b>MATH 1620 Calculus II.....4</b>
CORE HISTORY I ..... 3	CORE HISTORY II.....3
CORE SCIENCE I* ..... 4	CORE SCIENCE II* .....4
17	16

**SOPHOMORE YEAR**

<b>MATH 2630 Calculus III..... 4</b>	<b>MATH 2650 Differential Equations.....3</b>
<b>MATH 2660 Linear Algebra..... 3</b>	<b>MATH 3100 Advanced Math .....3</b>
ECON 2020 Microeconomics..... 3	ENGL 2210 World Literature II.....3
ENGL 2200 World Literature I..... 3	ECON 2030 Macroeconomics .....3
ACCT 2910 Fund of Accounting..... 3	<b>Math 2790 Interest Theory .....3</b>
16	15

**JUNIOR YEAR**

<b>STAT 3600 Probability &amp; Stats I..... 3</b>	<b>MATH 4820 Seminar in Probability.....3</b>
<b>MATH 4790 Seminar in Finance..... 3</b>	<b>MATH Elective .....3</b>
CORE SOCIAL SCIENCE I ..... 3	STATISTICS REQUISITE .....3
CORE FINE ARTS..... 3	FINC 3610 Prin of Business Finance .....3
Elective ..... 4	Elective .....4
16	16

**SENIOR YEAR**

<b>MATH 5800 Actuarial Math I..... 3</b>	<b>MATH 5810 Actuarial Math II .....3</b>
<b>MATH 5000 Modeling..... 3</b>	<b>MATH Elective .....3</b>
FINC 3630 Adv Business Finance..... 3	Elective .....3
<b>Math Elective..... 3</b>	Elective .....3
12	12

TOTAL HOURS 120

Long range schedules for COSAM courses are online at [www.auburn.edu/cosam/students/registration/](http://www.auburn.edu/cosam/students/registration/)  
\*Core Science I/II: One of the sequences PHYS 1600/1610, BIOL 1020 /1030, CHEM 1030/1040 with labs, and GEOL 1100/1110.

**Math Electives:** Courses designated MATH at the level of 4000 or higher; no more than one 4000-level course. Subject to advisor’s approval.

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