

COLLEGE OF HEALTH AND SCIENCE

MATHEMATICS APPLIED/PRE-ACTUARY

DEGREE PLAN

2025-2026

FIRST YEAR- FRESHMAN (30-HRS)

Fall Semester

ENG	1113	* Freshman Composition I
GE	xxx3	* Civic Consciousness
COMM	1113	* Fund of Human Comm
MATH	1513	* College Algebra
MATH	1713	Trigonometry
UNIV	1001	* Tiger Connect

16 TOTAL HOURS

Spring Semester

ENG	1213	* Freshman Composition II
MATH	2825	Calculus and Analytical Geom I
MATH	1223	Intro to Probability and Statistics
GE	xxx3	* Cult & Aesth Awareness

14 TOTAL HOURS

SECOND YEAR-SOPHOMORE (30-HRS)

Fall Semester

MATH	3025	Calculus and Analytical Geom II
MIS	1903	Computer Business Applications
CMPS	1113	* Computer Programming I
ECON	2003	Principles of Macroeconomics

14 TOTAL HOURS

Spring Semester

MATH	3033	Calculus and Analytical Geom III
ACCT	2103	Financial Accounting
GE	xxx4	* Nature and Science (4 hours)
ECON	2013	Principles of Microeconomics
GE	xxx3	* Cult & Aesth Awareness

16 TOTAL HOURS

THIRD YEAR - JUNIOR (30-HRS)

Fall Semester

CPSMA	3933	Operations Research OR
ENG	3183	Technical and Prof Writing
MATH	4923	Perspectives in Mathematics OR
MATH	xxx3	Upper level Elective
FIN	3113	Financial Management
GE	xxx3	* Civic Consciousness
MIS	3433	Management Info Systems

15 TOTAL HOURS

Spring Semester

MATH	3513	Mathematical Statistics OR
MATH	3583	Applied Statistics
CPSMA	3913	Discrete Mathematics OR
MATH	3713	Linear Algebra
CPSMA	4413	Numerical Methods OR
FIN	3913	Insurance Planning and Risk Mgmt
GE	xxx3	* Gen ed Elective
xxx3		Elective

15 TOTAL HOURS

FOURTH YEAR - SENIOR (30-HRS)

Fall Semester

CPSMA	3933	Operations Research OR
ENG	3183	Technical and Prof Writing
MATH	4923	Perspectives in Mathematics OR
MATH	xxx3	Upper level Elective
MATH	4113	Differential Equations
GE	xxx3	* Nature and Science
xxx3		Elective

15 TOTAL HOURS

Spring Semester

MATH	3513	Mathematical Statistics OR
MATH	3583	Applied Statistics
CPSMA	3913	Discrete Mathematics OR
MATH	3713	Linear Algebra
CPSMA	4413	Numerical Methods OR
FIN	3913	Insurance Planning and Risk Mgmt
xxx3		Upper level Elective
xxx3		Elective

15 TOTAL HOURS

Legend: *General Education Requirements