

Bachelor of Science in Mathematics – Applied Statistics

Freshman and Sophomore years, you will be taking general education courses Core IMPACTS. Core IMPACTS supports your future success and prepares you for upper-level courses and your career!

Freshman & Sophomore Years

TERM 1

ENGL 1101 Composition I
Math
POLS 1101 American Government
Lab Science
Institutional Elective

TERM 2

ENGL 1102 Composition II
STEM Elective
MATH 1371 (Spring Only) or CSCI 1301
HIST 2111/2112 U.S. History
Humanities Elective

TERM 3

MATH 2252 Calculus II
ENGL 2xxx Humanities Literature Elective
Social Science Elective
Lab Science

TERM 4

MATH 2253 Calculus III
MATH 2260 Intro to Linear Algebra
MATH 2270 Differential Equations
Social Science Elective

Milestones

Earn a grade of “C” or higher in English and Math courses.

Satisfy: It is suggested that students complete MATH 1112 or 1113 as the Math requirement and MATH 1251 as the Stem Elective. Not completing the recommended course may require additional credit hour accrual. Meet with your Academic Advisor at least once per semester.

Get Involved: Visit [Knight Life](#) for information on Clubs and Organizations like Knights Academy & Knights of Success.

Career Connection: Take a career assessment & review with a career advisor at the [CCLD](#).

Summer Semester: Take courses and get ahead!



**Skills to Add to Your
Resume and LinkedIn**

Skills Gained During Freshman & Sophomore Year

Critical Thinking | Teamwork | Persuasion | Time Management | Inquiry & Analysis | Problem Solving
Information Literacy | Intercultural Competence | Persuasion | Ethical Reasoning | Perspective - Taking

Junior & Senior Years

TERM 5

MATH 3251 Applied Combinatorics (Fall only)
MATH 3207 Communicating Math (Fall only)
MATH 3600 Prob and Stat I (Fall only)
MATH 3440 Data Explor and Visual (Fall only)
MATH/ITEC Elective

TERM 6

MATH 4300 Regression Anal (Spring only)
MATH 4600 Prob and Stat II (Spring only)
MATH/ITEC Elective
MATH/ITEC Elective
MATH/ITEC Elective

TERM 7

MATH 4611 Applied Stats I (Fall only)
MATH/ITEC Elective
MATH/ITEC Elective
General Elective
General Elective

TERM 8

MATH 4612 Applied Stats II (Spring only)
MATH/ITEC Elective
General Elective
General Elective
General Elective

Milestones

A grade of “C” or higher is required in all upper-level courses (3000/4000 level courses).

Career Connection: Check in with a career advisor to update your resume, Handshake, and LinkedIn profile.

Graduate: Apply and prepare for graduation at the end of TERM 6! 