# **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	TERM 2	TERM 3	TERM 4
ENGL 1101 Composition I	ENGL 1102 Composition II	MATH 2252 Calculus II	MATH 2253 Calculus III
Math	STEM Elective	ENGL 2xxx Humanities Literature Elective	MATH 2260 Intro to Linear Alge
POLS 1101 American Government	MATH 1371 (Spring Only) or CSCI 1301	Social Science Elective	MATH 2270 Differential Eq
Lab Science	HIST 2111/2112 U.S. History	Lab Science	Social Science Elective
Institutional Elective	Humanities Elective		

#### Milestones

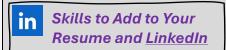
Earn a grade of "C" or higher in English and Math courses.

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 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	TERM 6	TERM 7	TERM 8
MATH 3251 Applied Combinatorics (Fall only)	MATH 4300 Regression Anal (Spring only)	MATH 4611 Applied Stats I (Fall only)	MATH 4612 Applied Stats II (Spring only)
MATH 3207 Communicating Math (Fall only)	MATH 4600 Prob and Stat II (Spring only)	MATH/ITEC Elective	MATH/ITEC Elective
MATH 3600 Prob and Stat I (Fall only)	MATH/ITEC Elective	MATH/ITEC Elective	General Elective
MATH 3440 Data Explor and Visual (Fall only)	MATH/ITEC Elective	General Elective	General Elective
MATH/ITEC Elective	MATH/ITEC 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!

