

# Bachelor of Science in Biology (Cochran)

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  
Lab Science  
Social Science Elective  
Humanities Elective

### TERM 2

ENGL 1102 Composition II  
MATH 1251 Calculus I  
Lab Science  
Institutional Elective

### TERM 3

BIOL 2107 Principles of Biology I  
CHEM 2211 Organic Chemistry I  
STEM Elective  
PHYS 1111 Introductory Physics I

### TERM 4

BIOL 2108 Principles of Biology II  
CHEM 2212 Organic Chemistry II  
SCIE 2998 or SCIE 2999  
PHYS 1112 Introductory Physics II

### Milestones

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

**Satisfy:** It is suggested that students complete MATH 1112, 1113 or 1251 as the Math requirement and CHEM 1211 and 1212 as the Lab Science requirements and MATH 1401 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

BIOL 3211 Evolution  
BIOL 3510, 3520 or 3360  
HIST 2111/2112 U.S. History  
ENGL 2xxx Humanities Literature Elective  
Social Science Elective

### TERM 6

BIOL 3104 Cell Biology  
BIOL 3310 Biochemistry  
BIOL Elective (4 credits)  
BIOL Elective (4 credits)

### TERM 7

BIOL 4530 Molecular Biology  
BIOL 3540 Microbiology  
BIOL Elective (4 credits)  
POLS 1101 American Government

### TERM 8

BIOL 4110 Genetics  
BIOL Elective (4 credits)  
BIOL 4120 or BIOL 4894  
BIOL or SCIE Elective (3-4 credits)

### 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! 

