**General Education Program (34-35 hours; starting Fall 2023)**

Course No. Course Title Hrs. Grade

**English (6 hours)**

ENG 101 English Composition I 3 \_\_\_\_\_\_

ENG 102 English Composition II\*\* 3 \_\_\_\_\_\_

**Communication (3 hours)**

COMM 100 Fundamentals of Oral Communication\*\* 3 \_\_\_\_\_\_

**Math and Stats (3 hours)**

MATH 105 College Algebra with Review 3 \_\_\_\_\_\_

MATH 110 College Algebra\* 3 \_\_\_\_\_\_

MATH 234 Analytic Geometry and Calculus I 3 \_\_\_\_\_\_

MATH 331 Calculus Methods 3 \_\_\_\_\_\_

**Arts and Humanities (6 hours; 2 areas recommended)**

**Aesthetic**

ART 180 Fundamentals and Appreciation of Art 3 \_\_\_\_\_\_

ART 201 Survey of Art History I 3 \_\_\_\_\_\_

MUS 161 Listening to Music 3 \_\_\_\_\_\_

THTR 120 Introduction to Theatre 3 \_\_\_\_\_\_

**Historical**

HIST 110 World Civilization to 1500 3 \_\_\_\_\_\_

HIST 111 Modern World Civilization 3 \_\_\_\_\_\_

HIST 130 United States History to 1877 3 \_\_\_\_\_\_

HIST 131 United States History since 1877 3 \_\_\_\_\_\_

**Philosophical**

PHIL 120 Introduction to Philosophy 3 \_\_\_\_\_\_

PHIL 170 World Religions 3 \_\_\_\_\_\_

PHIL 340 Ethics 3 \_\_\_\_\_\_

**Natural and Physical Sciences (4 hours; 1 course w/Lab)**

BIOL 180 Principles of Biology\* 3 \_\_\_\_\_\_

BIOL 180L Principles of Biology Lab\* 1 \_\_\_\_\_\_

Course No. Course Title Hrs. Grade

**Social and Behavioral Sciences (6 hours; 2 areas recommended)**

**Social Science Requirement** (choose 1 course)

CRJ 360 Social Justice Action and Policy 3 \_\_\_\_\_\_

PSY 100 General Psychology 3 \_\_\_\_\_\_

SOC 140 Understanding Society 3 \_\_\_\_\_\_

SOC 310 Gender and Society 3 \_\_\_\_\_\_

LDRS 200 Discovering Leadership 3 \_\_\_\_\_\_

**Engaged Global Citizens Requirement** (choose 1 course)

GSCI 110 World Geography 3 \_\_\_\_\_\_

POLS 105 Current Political Issues 3 \_\_\_\_\_\_

SOC 333 Global Forces in a Changing World 3 \_\_\_\_\_\_

TECS 391 Technology in Society 3 \_\_\_\_\_\_

**Institutionally Designated Area (6 hours; 2 areas recommended)**

**Critical Thinking**

PHIL 100 Critical Thinking 3 \_\_\_\_\_\_

**Personal and Professional Development**

FIN 205 Theory and Practice of Personal Finance 3 \_\_\_\_\_\_

GSCI 240 Introduction to Geographic Info Systems 3 \_\_\_\_\_\_

HHP 200 Personal Wellness 3 \_\_\_\_\_\_

INF 101 Introduction to Computer Information Systems 3 \_\_\_\_\_\_

MIL 302 Soldier Health and Fitness 3 \_\_\_\_\_\_

\*Counts towards General Education and the Biology major.

\*\*Education majors need a B or better.

**Other courses may fulfill the requirements. The recommendations listed here are for Biology majors. Please check with your faculty mentor or professional advisor for other course options.**

**You must complete 150 credit hours to earn both the Biology and Education bachelor’s degrees.**

**Biology Core (42 Hours)**

**Required:**

BIOL 180/180L Principles of Biology/Lab\* 4 \_\_\_\_\_\_ F S BIOL 230/230L Anatomy and Physiology I/Lab 4 \_\_\_\_\_\_ F S

BIOL 231/231L Anatomy and Physiology II/Lab 4 \_\_\_\_\_\_ F S BIOL 235 Early Field Experience 1 \_\_\_\_\_\_ F S BIOL 250/250L Botany/Lab 4 \_\_\_\_\_\_ F S

BIOL 260/260L Zoology/Lab 4 \_\_\_\_\_\_ F S

BIOL 325/325L Genetics/Lab 4 \_\_\_\_\_\_ F S

BIOL 490/490L General Microbiology/ Lab 4 \_\_\_\_\_\_ F S

BIOL 499 Global Environmental Issues 3 \_\_\_\_\_\_ F S

BIOL 420 Evolution 3 \_\_\_\_\_\_ F

BIOL 395/395L Ecology 4 \_\_\_\_\_\_ S

BIOL 3XX or above Upper-division elective 3 \_\_\_\_\_\_ F S

\*Counts towards General Education and the Biology major.

1. **Discipline Writing Course Graduation Requirement (3 hours)**

BIOL 442 Scientific Communication 3 \_\_\_\_\_\_ F

1. **Required Science Cognates (25 Hours)**

**Chemistry**

CHEM 120/120L University Chemistry I/ Lab 5 \_\_\_\_\_\_ F

CHEM 122/122L University Chemistry II/ Lab 5 \_\_\_\_\_\_ S

CHEM 480 Laboratory Safety 1 \_\_\_\_\_\_ S

**Mathematics**

MATH 110 College Algebra\* 3 \_\_\_\_\_\_F S

MATH 331 Calculus Methods 3 \_\_\_\_\_\_F S

STAT200 Statistics 3 \_\_\_\_\_\_F S

\*Counts towards General Education and the Biology major.

**Physics**

PHYS 111/111L Physics I/Lab 5 \_\_\_\_\_\_ F

1. **Required Education Courses (33 Hours)**

**Required:**

TEEL 202 Foundations of Education1 3 \_\_\_\_\_\_ F S

TEEL 231 Human Growth and Development1 3 \_\_\_\_\_\_ F S

TESP 302 Educating Students with Exceptionalities1 3 \_\_\_\_\_\_ F S

TECS 301 Introduction to Instructional Technology1 3 \_\_\_\_\_\_ F S

TEEL 431 Educational Psychology2 3 \_\_\_\_\_\_ F S

TESS 494 Secondary School Experience2 4 \_\_\_\_\_\_ F S

TESS 496 Directed Teaching- Secondary2 12 \_\_\_\_\_\_ F S

TESS 406 Science Teaching Methods 2 \_\_\_\_\_\_ S

**1Taken before admission to teacher education program.**

**2Taken after admission to teacher education program.**

1. **Earn a minor (20-21 hours)**

Recommendations: (other minors are possible; talk to your faculty mentor and academic advisor)

Agriculture 20 hours

Chemistry 20 hours

GeoSciences 20 hours

Psychology 21 hours

Criminal Justice 21 hours

***F = Fall Offering, S = Spring Offering***

**YOU MUST COMPLETE 150 CREDIT HOURS TO EARN YOUR BIOLOGY and EDUCTION BACHELOR’S DEGREE.**