

ATTENTION:
Changes to the course schedule/repeated coursework may affect your plan. **YOU** are responsible for ensuring all degree requirements are met. Please see an Academic Advisor at least once a year.

**BACHELOR OF SCIENCE OR ARTS IN BIOLOGY
WITH A NEUROBIOLOGY EMPHASIS
PRIOR TO FALL 2024**

IMPORTANT INFORMATION TO REMEMBER:

Students **MUST** complete a minimum of 40 Upper Division Hours (3000+ level courses)

Students **MUST** complete a minimum of 36 Biology credit hours

Students **MUST** complete 21 Biology Residency Hours that **MUST** be taken at the U

SCIENCE CORE

| COURSE | TITLE | CREDITS | SEMESTER |
|------------------------------|---|---------|----------|
| MATH 1170 OR MATH 1210 | CALCULUS FOR BIOLOGIST I OR CALCULUS I | 4 | |
| MATH 1180 OR MATH 1220 | STATS W/CALCULUS FOR BIOLOGIST II OR CALCULUS II | 4 | |
| CHEM 1210 | GEN CHEMISTRY I | 4 | |
| CHEM 1215 | GEN CHEMISTRY LAB I | 1 | |
| CHEM 1220 | GEN CHEMISTRY II | 4 | |
| CHEM 1225 | GEN CHEMISTRY LAB II | 1 | |
| CHEM 2310 | ORGANIC CHEMISTRY I | 4 | |
| PHYS 2010 | GENERAL PHYSICS I | 4 | |
| PHYS 2020 | GENERAL PHYSICS II | 4 | |

BIOLOGY CORE

| COURSE | TITLE | CREDITS | SEMESTER |
|------------------------------|--|--------------|----------|
| BIOL 1610 | FUND. OF BIOLOGY I | 4 | |
| BIOL 1615 | FUND. OF BIOLOGY LAB I | 1 | |
| BIOL 1620 | FUND. OF BIOLOGY II | 4 | |
| BIOL 1625 | FUND. OF BIOLOGY LAB II | 1 | |
| BIOL 2020 OR BIOL 2021 | PRINC. OF CELL BIOLOGY OR PRINC. OF CELL SCIENCE (HONORS) | 3 OR 4 | |
| BIOL 2030 | GENETICS | 3 | |

NEUROBIOLOGY EMPHASIS CORE

| COURSE | TITLE | CREDITS | SEMESTER |
|-----------|-----------------------------------|---------|----------|
| BIOL 3240 | INTRO TO CELLULAR NEUROBIOLOGY | 3 | |
| BIOL 3510 | BIOLOGICAL CHEMISTRY I | 3 | |

NEUROBIOLOGY EMPHASIS ELECTIVES

COMPLETE 3 EMPHASIS ELECTIVE

| COURSE | TITLE | CREDITS | SEMESTER |
|-----------|----------------------------|---------|----------|
| BIOL 3230 | DEVELOPMENTAL BIOLOGY | 3 | |
| BIOL 3320 | COMPARATIVE PHYSIOLOGY | 3 | |
| BIOL 3330 | BEHAVIORAL NEUROBIOLOGY | 3 | |
| BIOL 3430 | ANIMAL BEHAVIOR | 3 | |
| BIOL 4955 | INDIVIDUAL RESEARCH | 1-3 | |
| BIOL 5315 | ADVANCED HUMAN ANATOMY | 3 [L1] | |

COMPLETE 2 5000-LEVEL BIOLOGY COURSES

NEEDS TO BE AT LEAST 2 CREDIT HOURS

| COURSE | TITLE | CREDITS | SEMESTER |
|--------|-------|---------|----------|
| | | | |
| | | | |

**COMPLETE AT LEAST 2 ADDITIONAL BIOLOGY LAB
COURSES TOTALLING 3 LAB UNITS**

| COURSE | TITLE | LAB UNITS | SEMESTER |
|--------|-------|-----------|----------|
| | | | |
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**OTHER BIOLOGY COURSES NEEDED FOR THE
REQUIRED 36 BIOLOGY HOURS**

| COURSE | TITLE | CREDITS | SEMESTER |
|--------|-------|---------|----------|
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