

Bachelor of Science - Human Biology or PrePAS or BIOOTD - 2020-2021

| GENERAL EDUCATION | 43 | COMP | GRD | MAJOR PROGRAM COURSES | 39 | COMP | GRD |
|--|--------------|-------------|------------|--|------------|-------------|------------|
| Level 1 | | | | BIO 110 General Biology | 3 | | |
| ENG 101 Composition (completed in 1 st two semesters) | 3 | | | BIO 111 General Biology Lab | 1 | | |
| <i>Completed or initiated in first three semesters</i> | | | | BIO 300 Microbiology | 3 | | |
| FYS First Year Seminar (any number) (1 st semester) | 1 | | | BIO 301 Microbiology Lab | 1 | | |
| Communications (COM 101, 212, or 225) | 3 | | | BIO 310 Advanced Anatomy & Physiology I | 4 | | |
| Quantitative Reasoning (MTH 114 or above) | 3 | | | BIO 311 Advanced Anatomy & Physiology I Lab | 1 | | |
| Level II | | | | BIO 312 Advanced Anatomy & Physiology II | 4 | | |
| ENG 102 Advanced Composition | 3 | | | BIO 313 Advanced Anatomy & Physiology II Lab | 1 | | |
| Global & Cultural Diversity | 3 | | | BIO 464 Immunology/Hematology | 3 | | |
| Fine Arts (any Art, Dance, Music or Theatre) | 3 | | | BIO 330 Genetics | 3 | | |
| Science (any Biology, Chemistry or Physics) must include Lab | 0 | | | BIO 331 Genetics Lab | 1 | | |
| Math (MTH 115) | 3 | | | BIO 340 Biochemistry | 4 | | |
| History (any history class) | 3 | | | BIO 341 Biochemistry Lab | 1 | | |
| PSY 101 Intro to Psych | 3 | | | BIO 366 Pathophysiology | 3 | | |
| Theology (any class) | 6 | | | MTH 242 Statistics or Biostatistics | 3 | | |
| PHL 200 Moral Reasoning | 3 | | | BIO 192 Scientific Methods | 1 | | |
| PHL 350 Health Care Ethics OR Philosophy elective | 3 | | | BIO 392 Scientific Literature | 1 | | |
| General Education Elective (PSY 220) | 3 | | | BIO 473, Capstone Project | 1-4 | | |
| SUPPORTING FIELD | 31-34 | | | ELECTIVES | 16 | | |
| CHM 110/1 General Chemistry (with lab) | 5 | | | SUMMARY | | | |
| CHM 112/3 General Chemistry (with lab) | 5 | | | GENERAL EDUCATION | 43 | | |
| CHM 230 Organic Chemistry I (with lab) | 5 | | | MAJOR | 39 | | |
| CHM 232 Organic Chemistry II (with lab) | 5 | | | SUPPORTING FIELD (Chemistry recitations recommend) | 31-34 | | |
| PHY 202/203 General Physics (with lab) | 4 | | | ELECTIVES | 12-15 | | |
| PHY 204/205 General Physics (with lab) | 4 | | | | 128 | | |
| MTH 114 College Algebra | 0 | | | | | | |
| MTH 115 College Trigonometry | 0 | | | | | | |
| PSY 101 Intro. To Psychology | 0 | | | | | | |
| PSY 220 Lifespan Development | 0 | | | | | | |
| PSY 410 Abnormal Psychology | 3 | | | | | | |
| Medical Terminology (preOTD) | 3 | | | | | | |

Pre-Medical School students should include Calculus I and II.

Those interested in General Biology should include Zoology and Botany (both with lab)

Acceptable courses for Global & Cultural Diversity will have (GCD) after the title.

Some courses may be counted in more than one category. Courses cannot be cross counted within general education. The student must still complete the specific total hours for graduation by taking additional electives.

Developmental courses cannot be counted toward graduation requirements.

Student may be required to complete prerequisite courses.