

Pre-Biomedical Laboratory Diagnostics (AA) – FA20

| Course Number/Name | Course | GEF | Cr. | Semester | Grade |
|---|--------|-----|-----------|----------|-------|
| First Year, Fall Semester | | | 15 | | |
| MATH 124 (or higher) | | 3 | 3 | | |
| BIOL 101 General Biology | | 8 | 3 | | |
| BIOL 103 General Biology Laboratory | | | 1 | | |
| CHEM 115 Fundamentals of Chemistry 1 | | 2B | 3 | | |
| CHEM 115L Fundamentals of Chemistry 1 - Laboratory | | 2B | 1 | | |
| GEF Elective** | | 5 | 3 | | |
| WVUE 191 First-Year Seminar | | | 1 | | |
| First Year, Spring Semester | | | 15 | | |
| ENGL 101 Introduction to Composition and Rhetoric | | 1 | 3 | | |
| BIOL 102 General Biology | | 8 | 3 | | |
| BIOL 104 General Biology Laboratory | | | 1 | | |
| CHEM 116 Fundamentals of Chemistry 2 | | 8 | 3 | | |
| CHEM 116L Fundamentals of Chemistry 2 - Laboratory | | | 1 | | |
| GEF Elective** | | 4 | 3 | | |
| Elective (UGST 270 Intro to Health Careers recommended) | | | 1 | | |
| Second Year, Fall Semester | | | 16 | | |
| ENGL 102 Composition, Rhetoric and Research | | 1 | 3 | | |
| CHEM 233 Organic Chemistry* | | | 3 | | |
| CHEM 235 Organic Chemistry Laboratory* | | | 1 | | |
| STAT 211 Elementary Statistical Inference | | | 3 | | |
| GEF Elective** | | 6 | 3 | | |
| Elective | | | 3 | | |
| Second Year, Spring Semester | | | 14 | | |
| CHEM 234 Organic Chemistry* | | | 3 | | |
| CHEM 236 Organic Chemistry Laboratory* | | | 1 | | |
| PSIO 241 | | | 4 | | |
| Elective (PALM 200 recommended) | | | 3 | | |
| GEF Elective** | | 7 | 3 | | |

Total Credits Required

60

* Students may consider taking a brief course in organic chemistry off campus that covers both aliphatic and aromatic compounds and includes a laboratory. CHEM 231 offered on the Morgantown campus would satisfy the organic chemistry requirement, however two semesters of organic chemistry are strongly recommended to prepare for the professional curriculum.

** The student must complete between 31 and 37 credits, organized into eight foundation areas before earning a baccalaureate degree in Morgantown.