**Biology-Pre- Physical Therapy Pre-Occupational Therapy 2019-2020**

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| **Freshman Year** |
| **Fall** | **Spring** |
|  | Course Number | Course Title | Credits |  | Course Number | Course Title | Credits |
|  | UNV 1000 | Freshman Seminar  | 1 |  | ENG 1060 | Composition II | 3 |
|  | ENG 1050 | Composition 1  | 3 |  | BIO 1020 | General Zoology | 4 |
|  | MAT 1070  | College Algebra | 3 |  | MAT 2100 | Introduction to Statistics  | 3 |
|  | BIO 1000\* | Principles of Biology  | 3 |  | CHM 1300 | General Chemistry I | 3 |
|  | BIOL 1000 | Laboratory Investigation and Experiences in General Biology  | 1 |  | CHM 1100 | General Chemistry Laboratory I | 1 |
|  | PSY 1010  | Introduction to Psychology  | 3 |  | General Education | Physical Education  | 1 |
| **Total Credits**  | 14 |  | **Total Credits**  | 15 |

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| **Sophomore Year** |
| **Fall** | **Spring** |
|  | Course Number | Course Title | Credits |  | Course Number | Course Title | Credits |
|  | MAT 2150  | Calculus with Applications  | 4 |  | General Education  | History  | 3 |
|  | BIO 2110 or BIO 2120 | Anatomy & Physiology I or II | 4 |  | General Education  | Fine Arts | 3 |
|  | CHM 1310 | General Chemistry II | 3 |  | General Education  | Social Science\*\* | 3 |
|  | CHM 1110 | General Chemistry Laboratory II  | 1 |  | BIO 2110 or BIO 2120 | Anatomy & Physiology I or II | 4 |
|  | General Education | Literature  | 3 |  |  |  |  |
| **Total Credits** | 16 |  | **Total Credits** | 13 |

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| **Junior Year** |
| **Fall** | **Spring** |
|  | Course Number | Course Title | Credits |  | Course Number | Course Title | Credits |
|  | BIO 3150  | Microbiology  | 4 |  | PHY 1500 | College Physics I | 3 |
|  | General Education  | Elective  | 3 |  | PHY 1560 | College Physics I Lab  | 1 |
|  | PSY 2050, PSY 2200, PSY 2250, PSY 3050, PSY 3600 or PSY 4010 |  | 3 |  | BIO 3180 | Principles of Genetics | 4 |
|  | University-wide Elective |  | 3-4 |  | BIO 3040 | Principles of Ecology  | 4 |
|  | General Education | Physical Education  | 1 |  | University-wide Elective |  | 3 |
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| **Total Credits** | 13-14 | **Total Credits** | 15 |

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| **Senior Year** |
| **Fall** | **Spring** |
|  | Course Number | Course Title | Credits |  | Course Number | Course Title | Credits |
|  | BIO 3710  | Cell Biology | 4 |  | BIO 4610 | Animal Physiology  | 4 |
|  | PHY 1510  | College Physics II  | 3 |  | EXPH 4120 | Exercise Physiology  | 3 |
|  | PHY 1570 | College Physics Lab II | 1 |  | General Education  | Social Science\*\*  | 3 |
|  | General Education  | Philosophy or Religion  | 3 |  | PSY 2050, PSY 2200, PSY 2250, PSY 3050, PSY 3600 or PSY 4010 |  | 3 |
|  | EXPH 4100 | Biomechanics  | 3 |  |  |  |  |
|  | University-wide Elective |  | 3 |  |  |  |  |
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| **Total Credits** | 17 | **Total Credits** | 13 |