



Health Science Curriculum

Core Requirements:

| | | |
|---------|------------------------------------|----------------------|
| BI211/L | Human Anatomy and Physiology I | 4 credits |
| BI212/L | Human Anatomy and Physiology II | 4 credits |
| BI210 | Medical Terminology | 1 credit |
| BI385 | Bioethics | 3 credits |
| BS125 | General Psychology | 3 credits |
| ES200 | Motor Learning | 2 credits |
| ES360 | Principles of Nutrition | 3 credits |
| HS120 | Foundations of Health Science | 2 credit |
| HS362 | Field Practicum | 1 credit |
| HS435 | Healthcare Administration | 3 credits |
| HS440 | Research Methods in Health Science | 3 credits |
| HS445 | Seminar in Health Science | 1 credit |
| | | Subtotal: 29 credits |

Pre-Occupational Therapy: Required

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|--------|---|----------------------|
| BS225 | Developmental Psychology | 3 credits |
| BS261 | Social Psychology | 3 credits |
| BS385 | Abnormal Psychology | 3 credits |
| ES221 | Essentials of Personal and Community Health | 3 credits |
| ES370 | Kinesiology | 3 credits |
| ES420 | Exercise Physiology | 3 credits |
| HS255 | First Aid for the Health Care Provider | 3 credits |
| HS390 | Biomechanics | 3 credits |
| MA 240 | Elementary Statistics | 3 credits |
| | | Subtotal: 27 credits |

Suggested Health Science Electives: (Students may choose credits from the following list of courses to fulfill needed electives. Course selections should be based on the pre-requisite requirements of the graduate programs to which students will apply).

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|---------|---------------------------------|-----------|
| BI371 | Vertebrate Anatomy | 4 credits |
| BI170 | Zoology | 4 credits |
| BI311 | Fundamentals of Pathophysiology | 4 credits |
| BI344/L | Microbiology | 5 credits |
| BI390 | Practicum in Biology | 1 credit |
| BS115 | Sociology | 3 credits |
| BS225 | Developmental Psychology | 3 credits |

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|-------|--|-----------|
| BS261 | Social Psychology | 3 credits |
| CH232 | Introduction to Organic Chemistry | 4 credits |
| ES380 | Sport Psychology | 2 credits |
| ES420 | Exercise Physiology | 3 credits |
| ES400 | Internship | 3 credits |
| AT440 | Developing/Implementing Strength & Fitness Prog. | 3 credits |

OR

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|-------|--|-----------|
| ES440 | Developing/Implementing Strength & Fitness Prog. | 3 credits |
| HS450 | Pharmacology | 1 credit |
| LL102 | College Composition II | 3 credits |

Sample Four Year Sequence – Pre-OT Concentration

| Fall | Interterm | Spring |
|--|---|---|
| ES 101 Concepts of Health/PE – 2 GD 105 Foundations of Serv Lead – 1 LL 101 Comp I – 3 TM 103 New Testament – 3 HS120 Found of HS - 2 BI 170/L Zoology – 4/elective TOTAL: 15 | HS 255 First Aid for HCP – 3 TOTAL: 3 | CM 101 Public Speaking – 3 HI 102 History of Worl Civ II – 3 ES 200 Motor Learning – 2 BS 125 General Psychology – 3 <i>Elective</i> TOTAL: 14 |
| BI 211/L Human A&P I – 4 ES 221 Pers/Com Health – 3 ES380 Sport Psychology – 2 <i>Elective(s)</i> TOTAL: 15 | TM 102 Old Testament – 3 TOTAL: 3 | LL 102 Comp II – 3 BI 212/L Human A&P II – 4 BS 261 Social Psychology – 3 BS 115 Sociology – 3 <i>Elective</i> TOTAL: 16 |
| Fine Art GE – 3 ES 360 Nutrition – 3 ES 370 Kinesiology – 3 BS 225 Developmental Psychology – 3 HS 450 Pharmacology – 1 <i>Elective</i> TOTAL: 16 | BI 210 Medical Terminology – 1 TOTAL: 1 | HS362 Field Practicum – 1 MA 240 Elementary Stats – 3 BI385 Bioethics – 3 BS 385 Abnormal Psychology – 3 (Sp even) <i>Elective(s)</i> TOTAL: 13 |
| TM 266 Basic Christian Doctrine – 3 HS 440 Research Methods in HS – 3 HS 445 Seminar in HS – 1 BI 311 Fundamentals of Patho – 4 HS 435 Healthcare Admin – 3 TOTAL: 14 | LL 151 Intro to Literature – 3 TOTAL: 3 | HS 390 Biomechanics – 3 ES 420 Exercise Physiology – 3 ES 440 Devel/Impl Strength/Fit – 3 <i>Elective</i> TOTAL: 12 |

Credit Hours:

Year 1 - 32

Year 2 - 34

Year 3 - 30

Year 4 - 29

Total: 125 credits

