



2023 – 2024
General Science
Bachelor of General Science
Academic Plan
(Master of Science in Occupational Therapy eligible)

| Fall Year 1 | Courses | Prerequisite(s) | Credits | |
|----------------------|--|---|----------------|-----------|
| BIO 1210 | Human Anatomy and Physiology I | Co-requisite: BIO 1211 | 3 | 15 |
| BIO 1211 | Human Anatomy and Physiology I Lab | Co-requisite: BIO 1210 | 1 | |
| COM 1010 | Composition and Critical Thinking I | | 3 | |
| ELECTIVE | Elective Credit | | 3 | |
| HSC 1010 | Introduction to Health Professions | | 2 | |
| MTH 1010 | Quantitative Literacy | | 3 | |
| Spring Year 1 | Courses | Prerequisite(s) | Credits | |
| BIO 1220 | Human Anatomy and Physiology II | BIO 1210, BIO 1211; Co-requisite: BIO 1221 | 3 | 16 |
| BIO 1221 | Human Anatomy and Physiology II Lab | BIO 1210, BIO 1211; Co-requisite: BIO 1220 | 1 | |
| COM 1020 | Composition and Critical Thinking II | COM 1010 | 3 | |
| ELECTIVE | Elective Credit | | 3 | |
| ELECTIVE | Introductory Science (See Below) | Varies | 3 | |
| MTH 2750 | Statistical Methods | MTH 1010 or MTH 1110 | 3 | |
| Fall Year 2 | Courses | Prerequisite(s) | Credits | |
| BIO 2150 | Pathophysiology | Co-requisite: BIO 1220 | 3 | 15 |
| ELECTIVE | Elective Credit | | 3 | |
| ELECTIVE | General Education Elective (Non-Science) | | 3 | |
| ELECTIVE | Introductory Science (See Below) | Varies | 3 | |
| PSY 2050 | Self and Society | COM 1010, MTH 1010; Co-requisite: COM 1020 | 3 | |
| Spring Year 2 | Courses | Prerequisite(s) | Credits | |
| ELECTIVE | Elective Credit | | 3 | 15 |
| ELECTIVE | General Education Elective (Non-Science) | | 3 | |
| ELECTIVE | Introductory Science (See Below) | Varies | 3 | |
| PSY 2210 | Developmental Psychology | PSY 1110 or PSY 2050 | 3 | |
| SOC 3050 | Personal, Civic, and Global Perspectives | COM 1020, MTH 1010, PSY 2050 | 3 | |

| Fall Year 3 | | Courses | Prerequisite(s) | Credits | |
|----------------------|--|-------------------------------------|--|----------------|------------|
| ELECTIVE | | Elective Credit | | 6 | |
| ELECTIVE | | Advanced Science (See Below) | Varies | 3 | |
| ELECTIVE | | Introductory Science (See Below) | Varies | 3 | |
| HUM 3910 | | Integrated Seminar | COM 1010, MTH 1010, PSY 2050, SOC 3050 | 3 | 15 |
| Spring Year 3 | | Courses | Prerequisite(s) | Credits | |
| ELECTIVE | | Elective Credit | | 12 | |
| ELECTIVE | | Advanced Science (See Below) | Varies | 3 | 15 |
| Fall Year 4 | | Courses | Prerequisite(s) | Credits | |
| ELECTIVE | | Elective Credit | | 12 | |
| SCI 4950 | | General Science Capstone | BIO 2150 or BIO 2410 or BIO 2710 or BIO 3810 or PHY 2510 or PHY 2520 | 3 | 15 |
| Spring Year 4 | | Courses | Prerequisite(s) | Credits | |
| ELECTIVE | | Elective Credit | | 12 | |
| OCC 1210 | | Foundations of Occupational Therapy | | 3 | 15 |
| Program Total | | | | | 121 |

Science Courses: Choose from a minimum of **three disciplines with at least 12 credit hours from advanced-level courses.**

| Code | Course | Prerequisite(s) | Credits | Notes: |
|-----------------------------------|------------------------------------|------------------------|----------------|--------------------------------------|
| Introductory Level Courses | | | | |
| BIO 1210 | Human Anatomy and Physiology I | Co-requisite: BIO 1211 | 3 | Discipline: Biology |
| BIO 1211 | Human Anatomy and Physiology I Lab | Co-requisite: BIO 1210 | 1 | Discipline: Biology |
| BIO 2210 | Nutrition | | 3 | Discipline: Biology |
| CHM 1410 | Chemistry of Life | MTH 1010 or MTH 1110 | 3 | Discipline: Chemistry Spring Only |
| PHY 2150 | Integrated Physics | MTH 1210 or MTH 1310 | 3 | Discipline: Physics |
| PHY 3210 | Principles of Astronomy | | 3 | Discipline: Physics |
| SCI 2710 | Environmental Science | | 3 | Discipline: Environmental Science |

| Advanced Level Courses | | | | |
|-------------------------------|--|--|----------------|------------------------------------|
| Code | Course | Prerequisite(s) | Credits | Notes: |
| BIO 1220 | Human Anatomy and Physiology II | BIO 1210, BIO 1211; Co-requisite: BIO 1221 | 3 | Discipline: Biology |
| BIO 1221 | Human Anatomy and Physiology II Lab | BIO 1210, BIO 1211; Co-requisite: BIO 1220 | 1 | Discipline: Biology |
| BIO 2150 | Pathophysiology | Co-requisite: BIO 1220 | 3 | Discipline: Biology |
| BIO 2410 | Microbiology | Co-requisite: BIO 2411 | 3 | Discipline: Biology |
| BIO 2411 | Microbiology Lab | Co-requisite: BIO 2410 | 1 | Discipline: Biology |
| BIO 2710 | Clinical Kinesiology | BIO 1210, BIO 1211 Co-requisite: BIO 1220, BIO 1221, BIO 2710L | 4 | Discipline: Biology Fall Only |
| BIO 2710L | Clinical Kinesiology Lab | BIO 1210, BIO 1211 Co-requisite: BIO 1220, BIO 1221, BIO 2710 | 0 | Discipline: Biology Fall Only |
| BIO 3810 | Neuroanatomy | | 3 | Discipline: Biology Spring Only |
| CHM 2460 | General Chemistry | MTH 1010 or MTH 1110; Co-requisite: CHM 2460L | 4 | Discipline: Chemistry Fall Only |
| CHM 2460L | General Chemistry Lab | MTH 1010 or MTH 1110; Co-requisite: CHM 2460 | 0 | Discipline: Chemistry Fall Only |
| PHY 2510 | General Physics I | MTH 1510; Co-requisite: PHY 2510L | 4 | Discipline: Physics Fall Only |
| PHY 2510L | General Physics I Lab | MTH 1510; Co-requisite: PHY 2510 | 0 | Discipline: Physics Fall Only |
| PHY 2520 | General Physics II | MTH 1510, PHY 2510, PHY 2510L Co-requisite: PHY 2520L | 4 | Discipline: Physics Spring Only |
| PHY 2520L | General Physics II Lab | MTH 1510, PHY 2510, PHY 2510L Co-requisite: PHY 2520 | 0 | Discipline: Physics Spring Only |
| PSY 3710 | Biological/Physiological Psychology I | Prerequisite and Co-requisite waived for this course. | 3 | Discipline: Biology |
| PSY 3720 | Biological/Physiological Psychology II | Prerequisite and Co-requisite waived for this course. | 3 | Discipline: Biology |