



BACHELOR OF SCIENCE IN HEALTH SCIENCES

MEDICAL SCHOLAR/PA SCHOLARS/PRE-MEDICINE/PRE-PHYSICIAN ASSISTANT

| FRESHMAN YEAR | | |
|----------------|---|--------------|
| Fall Semester | | Hrs. |
| BIOL 1240/1245 | PRINCIPLES OF BIOLOGY I WITH LAB | 4 |
| CHEM 1110/1115 | GENERAL CHEMISTRY I WITH LAB | 4 |
| ENGL 1900 | ADVANCED STRATEGIES OF RHETORIC AND RESEARCH | 3 |
| HSCI 1000 | INTRODUCTION TO HEALTH SCIENCES | 1 |
| MATH XXXX | MATH 1400: PRE-CALCULUS (PS, PRE-PA), MATH 1510: CALCULUS I (MS, PRE-MED) | 3-4 |
| TOTAL | | 15-16 |

| Spring Semester | | Hrs. |
|-----------------|--|--------------|
| BIOL 1260/1265 | PRINCIPLES OF BIOLOGY II WITH LAB | 4 |
| CHEM 1120/1125 | GENERAL CHEMISTRY II WITH LAB | 4 |
| MATH 1300 | STATISTICS | 3 |
| PPHS 1000 | FOUNDATIONS OF MEDICINE (OPTIONAL - MS, PRE-MED) | (1) |
| PSY 1010 | GENERAL PSYCHOLOGY | 3 |
| THEO 1000 | THEOLOGICAL FOUNDATIONS (MS) | 3 |
| TOTAL | | 14-18 |

| SOPHOMORE YEAR | | |
|----------------|---|-----------|
| Fall Semester | | Hrs. |
| BIOL 3020 | BIOCHEMISTRY & MOLECULAR BIOLOGY WITH LAB | 3 |
| CHEM 2410/2415 | ORGANIC CHEMISTRY I WITH LAB | 4 |
| CMM 1200 | PUBLIC SPEAKING | 3 |
| HSCI 2000 | THE U.S. HEALTH CARE SYSTEM | 3 |
| HSI 2200 | MEDICAL TERMINOLOGY | 3 |
| PPHS 1050 | MEDICAL SCHOLARS SEMINAR (MS) | 0 |
| TOTAL | | 16 |

| Spring Semester | | Hrs. |
|-----------------|--|-----------|
| BIOL 3040 | CELL STRUCTURE & FUNCTION WITH LAB (MS, PRE-MED) | 3 |
| CHEM 2420/2425 | ORGANIC CHEMISTRY II WITH LAB | 4 |
| HSCI 2500 | HUMAN DEVELOPMENT ACROSS THE LIFESPAN | 3 |
| HSI 2100 | HEALTHCARE MANAGEMENT | 3 |
| PHIL 1050 | INTRODUCTION TO PHILOSOPHY | 3 |
| XXXX | FINE ARTS ELECTIVE (PS, PRE-PA) | 3 |
| TOTAL | | 16 |

MS = Medical Scholars Curriculum (must have a minor in Biology)

PRE-MED = Pre-Medicine Curriculum

PS = PA Scholars Curriculum

PRE-PA = Pre-Physician Assistant Curriculum

NOTE: Courses substituted in place of electives or added to curriculum as required courses for post-baccalaureate programs for DPT, MAT, MOT, PA, Medical School, etc. are not guaranteed to meet all of the prerequisite requirements of all institutions. It is the responsibility of the student to contact their desired institution for post-baccalaureate study to identify the specific prerequisite courses required for their area of study.



| JUNIOR YEAR | | |
|----------------|---|--------------|
| Fall Semester | | Hrs. |
| HSCI 3200 | HEALTH LAW & POLICY | 3 |
| HSCI 3700 | RESEARCH METHODS | 3 |
| HSI 3300/3310 | ANATOMY AND PHYSIOLOGY I WITH LAB | 4 |
| PHYS 1310/1320 | PHYSICS I WITH LAB (MS, PRE-MED)/ ELECTIVE (PS, PRE-PA) | 3-4 |
| PSY 3930 | HEALTH AND SOCIAL SCIENCES | 3 |
| TOTAL | | 16-17 |

| Spring Semester | | Hrs. |
|--------------------------|-------------------------------------|---------------|
| HSI 3400/3410 | ANATOMY AND PHYSIOLOGY II WITH LAB | 4 |
| BIOL 3030 | PRINCIPLES OF GENETICS (PS, PRE-PA) | 3 |
| HCE 2010 OR PHIL 2050 | HEALTH CARE ETHICS or ETHICS | 3 |
| PHYS 1330/1340 | PHYSICS II WITH LAB (MS, PRE-MED) | 4 |
| PSY 4390 | ABNORMAL PSYCHOLOGY | 3 |
| XXXX | ELECTIVE (MS) | 3 |
| TOTAL | | 13 -17 |

| SENIOR YEAR | | |
|---------------|---|--------------|
| Fall Semester | | Hrs. |
| BLS 4510** | MEDICAL MICROBIOLOGY (PS, PRE-PA) | 4 |
| HSCI 4000 | NEUROSCIENCE IN DAILY LIFE | 3 |
| HSCI 4100 | HEALTHCARE TECHNOLOGY | 3 |
| THEO 1000 | THEOLOGICAL FOUNDATIONS (PRE-MED, PS, PRE-PA) | 3 |
| XXXX | FINE ART ELECTIVE (MS, PRE-MED) | 3 |
| XXXX | UPPER DIVISION BIOLOGY ELECTIVE (MS) | 3 |
| 2XXX | LITERATURE ELECTIVE | 3 |
| TOTAL | | 15-16 |

| Spring Semester | | Hrs. |
|-----------------|--------------------------------------|-----------|
| HSCI 4500 | HOT TOPICS IN HEALTH CARE | 3 |
| HSCI 4600 | CONSUMER HEALTHCARE | 3 |
| HSCI 4700 | QUALITY MANAGEMENT | 3 |
| THEO 2XXX | THEOLOGY ELECTIVE | 3 |
| XXXX** | ELECTIVE (PRE-MED, PS, PRE-PA) | 3 |
| XXXX | UPPER DIVISION BIOLOGY ELECTIVE (MS) | 3 |
| TOTAL | | 15 |

** Pre-dental and pre-optometry students should follow the pre-med track and also take Medical Microbiology (BLS 4510) in their senior year fall semester. Pre-dental students should take Genetics (BIO 3030) in place of the elective in spring semester of senior year.