

# ALLIED HEALTH TECHNOLOGY, B.S. - SPORTS MEDICINE

## Major in Allied Health Tech-Sports Medicine, BS

| Code   | Title                                       | Hours     |
|--|---|-----------|
| <b>BIOLOGY FOUNDATIONS</b>   |   |           |
| General Biology with B- or higher  |   | 3         |
| BIOL 100   | General Biology                             |           |
| <b>REQUIRED BIOLOGY COURSES (C- or higher)</b>   |   |           |
| Must earn a C- or higher in all required Biology courses.  |   |           |
| BIOL 254   | Human Anatomy & Physiology I                | 4         |
| BIOL 255   | Human Anatomy & Physiology II               | 4         |
| BIOL 352   | Nutritional Science                         | 3         |
| BIOL 362   | Cell and Developmental Biology              | 4         |
| BIOL 364   | Foundations of Genetics & Molecular Biology | 4         |
| BIOL 375   | Biometry                                    | 3         |
| BIOL 361   | Microbiology                                | 4         |
| <b>REQUIRED WELLNESS SPORT SCIENCES COURSES</b>  |   |           |
| WSSD 311   | Resp to Emergen: First Aid CPR              | 3         |
| WSSD 375   | Prevention and Care of Athletic Injuries    | 3         |
| WSSD 450   | Kinesiology and Phys Found of Sport         | 3         |
| WSSD 452   | Nutrition for Performance Enhancement       | 3         |
| Sport Psychology - Choose 1 of the following:  |   | 3         |
| WSSD 485   | Perf Enhance:Mntl Trng in Sprt              |           |
| WSSD 582   | Sport Psychology                            |           |
| WSSD 491   | Exercise Physiology                         | 3         |
| WSSD 492   | Seminar in Sport Science                    | 3         |
| <b>SPORTS MEDICINE ELECTIVES <sup>1</sup></b>  |   |           |
| undefined - Choose 6 hours from:   |   | 6         |
| BIOL 300   | Co-Op Ed Experience in Biol                 |           |
| BIOL 454   | Immunology                                  |           |
| BIOL 363   | Medical Microbiology                        |           |
| BIOL 438   | Neurobiology                                |           |
| BIOL 463   | Virology                                    |           |
| BIOL 465   | Developmental Biology                       |           |
| BIOL 498   | Independent Study                           |           |
| WSSD 483   | Legal Aspects of Sport                      |           |
| WSSD 300   | Co-Op Ed Experience in Wssd                 |           |
| WSSD 400   | Co-Op Ed Experience in Wssd                 |           |
| WSSD 498   | Ind Stdy:                                   |           |
| In consultation with your advisor, choose a minimum of 6 credits from the following recommended courses. At least 2 credits must be from Biology (BIOL). |   |           |
| <b>Total Hours</b>   |   | <b>56</b> |

## Req Related for Allied Hlth Tech-Sports Med, BS

| Code   | Title                    | Hours |
|--|--------------------------|-------|
| For Allied Health Technology majors the G2 block of the Liberal Arts Core will be fulfilled by your required related coursework. |                          |       |
| CHEM 111   | Introductory Chemistry 1 | 4     |
| CHEM 112   | Introductory Chemistry 2 | 4     |

## ORGANIC CHEMISTRY - Choose 1 of the following: 4-8

A C- or higher in CHEM 111 and 112 is a pre-requisite for CHEM 235. A C- or higher in CHEM 231 is a pre-requisite for CHEM 232. Students planning to attend graduate school or pursue programs in medical, dental, veterinary, pharmacy, or physician assistant after their clinical training should take CHEM 231 and 232 for this requirement.

Short Course in Organic Chemistry - See Appendix 1

Organic Chemistry I and Organic Chemistry II - See Appendix 2

|             |                |   |
|-------------|----------------|---|
| CHEM 326    | Biochemistry 1 | 4 |
| Precalculus |                | 4 |

MATH 160 Precalculus

Students interested in attending graduate or professional school should also take MATH 161

## PHYSICS - Choose 1 of the following options 1-4: 8-10

Option 1. Physics with Algebra

PHYS 131 Physics 1 with Algebra

PHYS 132 Physics 2 with Algebra

Option 2. Physics with Calculus

PHYS 231 Physics 1 with Calculus

PHYS 232 Physics 2 with Calculus

Option 3. Physics 1 with Algebra and 2 with Calc

PHYS 131 Physics 1 with Algebra

PHYS 232 Physics 2 with Calculus

Option 4. Physics 1 with Calc and 2 with Algebra

PHYS 132 Physics 2 with Algebra

PHYS 231 Physics 1 with Calculus

Health Psychology 3

PSYC 356 Health Psychology

PSYC 100 and 227 or 228 should be taken as G3 electives, they are pre-requisites for PSYC 356. PHIL 100 (G1), SOCY 101 or ANTH 121 (G3), BIOL 207 (D, W) and COMM 461 (P) are also recommended courses to help students fulfill graduate school pre-requisites.

**Total Hours 31-37**

## Appendix 1. Short Course in Organic Chemistry

| Code     | Title             | Hours |
|----------|-------------------|-------|
| CHEM 235 | Organic Chemistry | 4     |

## Appendix 2. Organic Chemistry I and Organic Chemistry II

| Code     | Title               | Hours |
|----------|---------------------|-------|
| CHEM 231 | Organic Chemistry 1 | 4     |
| CHEM 232 | Organic Chemistry 2 | 4     |