

## Bachelor of Applied Exercise Science Pre-Occupational Therapy

| First Year            |                                                |     |                       |                                 |     |
|-----------------------|------------------------------------------------|-----|-----------------------|---------------------------------|-----|
| 1st Semester (16 hrs) |                                                |     | 2nd Semester (16 hrs) |                                 |     |
| Course                | Title                                          | hrs | Course                | Title                           | hrs |
| CHEM A111             | General Chemistry 1 with Lab                   | 4   | ENGL A102             | Composition and Literature      | 3   |
| ENGL A101             | Composition                                    | 3   | EXSC A225             | Intro to Injury Management      | 3   |
| EXSC A198             | Intro to Exercise & Sports Sci                 | 3   | GEN ED                | HIST A101 OR HIST A102          | 3   |
| MATH A11              | PreCalculus I                                  | 3   | CHEM A112             | General Chemistry 2 with Lab    | 4   |
| PSYC A101             | Introduction to Psychology                     | 3   | ELEC                  | College Requirement*            | 3   |
| Second Year           |                                                |     |                       |                                 |     |
| 1st Semester (15 hrs) |                                                |     | 2nd Semester (17 hrs) |                                 |     |
| Course                | Title                                          | hrs | Course                | Title                           | hrs |
| BIOL A243             | Anatomy & Physiology I                         | 4   | BIOL A244             | Anatomy & Physiology II         | 4   |
| EXSC A201             | Medical Terminology                            | 3   | PHYS A201             | General Physics II              | 4   |
| SPAN A112             | Beg. Span. For Clinical Encounter              | 3   | EXSC A239             | Fitness Assessment              | 3   |
| PHYS A201             | General Physics I                              | 4   | EXSC A211             | Foundations in Func. Anatomy    | 3   |
| EXSC A1XX             | Activity Course                                | 1   | EXSC A221             | Foundations in Human Metabolism | 3   |
| Third Year            |                                                |     |                       |                                 |     |
| 1st Semester (15 hrs) |                                                |     | 2nd Semester (15 hrs) |                                 |     |
| Course                | Title                                          | hrs | Course                | Title                           | hrs |
| STAT A201             | Elementary Statistics                          | 3   | EXSC A321             | Anat. & Biomech. Kinesiology    | 3   |
| EXSC A337             | Health & Behavior Change                       | 3   | EXSC A323/L           | Exercise Physiology and Lab     | 4   |
| EXSC A311             | Nutritional Aspects of Hlth, Fit, and Sp. Perf | 3   | PSYC A320             | Abnormal Psychology             | 4   |
| GED ED                | Humanities                                     | 3   | GEN ED                | COMM A201 OR COMM A241          | 3   |
| BIOL A121             | Biological Sciences I                          | 3   | EXSC A203             | First Aid & CPR                 | 1   |
| Fourth Year           |                                                |     |                       |                                 |     |
| 1st Semester (16 hrs) |                                                |     | 2nd Semester (15 hrs) |                                 |     |
| Course                | Title                                          | hrs | Course                | Title                           | hrs |
| EXSC A423/L           | Exercise Testing & Lab                         | 4   | EXSC A424             | Exercise Prescription           | 3   |
| EXSC A440             | Topics in Allied Health                        | 3   | EXSC A441             | Internship in EXSC              | 3   |
| EXSC A458             | Research Methods in EXSC                       | 3   | GEN ED                | Humanities                      | 3   |
| PSYC A310             | Developmental Psychology                       | 3   | SOCY A101             | Introductory Sociology          | 3   |
| GEN ED                | HIST A201 OR HIST A202 OR POLI 201             | 3   | EXSC ELEC             | EXSC Elective <sup>1</sup>      | 3   |

\*Students in the College of Sciences and Engineering will complete a minimum of 15 total credit hours

from three or more areas: Humanities, Fine Arts, Math/Stats/Logic, Natural Sciences, Social Behavioral, and

<sup>1</sup> Applied Exercise Science elective courses are additional upper level (300 and above), beyond the specified courses in Exercise and Sports Science or with departmental permission.

## Bachelor of Applied Exercise Science Pre-Physical Therapy

| First Year            |                                                |     |                       |                                 |     |
|-----------------------|------------------------------------------------|-----|-----------------------|---------------------------------|-----|
| 1st Semester (16 hrs) |                                                |     | 2nd Semester (16 hrs) |                                 |     |
| Course                | Title                                          | hrs | Course                | Title                           | hrs |
| CHEM A111             | General Chemistry 1 with Lab                   | 4   | ENGL A102             | Composition and Literature      | 3   |
| ENGL A101             | Composition                                    | 3   | EXSC A225             | Intro to Injury Management      | 3   |
| EXSC A198             | Intro to Exercise & Sports Sci                 | 3   | GEN ED                | HIST A101 OR HIST A102          | 3   |
| MATH A11              | PreCalculus I                                  | 3   | CHEM A112             | General Chemistry 2 with Lab    | 4   |
| PSYC A101             | Introduction to Psychology                     | 3   | ELEC                  | College Requirement*            | 3   |
| Second Year           |                                                |     |                       |                                 |     |
| 1st Semester (15 hrs) |                                                |     | 2nd Semester (17 hrs) |                                 |     |
| Course                | Title                                          | hrs | Course                | Title                           | hrs |
| BIOL A243             | Anatomy & Physiology I                         | 4   | BIOL A244             | Anatomy & Physiology II         | 4   |
| EXSC A201             | Medical Terminology                            | 3   | PHYS A201             | General Physics II              | 4   |
| SPAN A112             | Beg. Span. For Clinical Encounter              | 3   | EXSC A239             | Fitness Assessment              | 3   |
| PHYS A201             | General Physics I                              | 4   | EXSC A211             | Foundations in Func. Anatomy    | 3   |
| EXSC A1XX             | Activity Course                                | 1   | EXSC A221             | Foundations in Human Metabolism | 3   |
| Third Year            |                                                |     |                       |                                 |     |
| 1st Semester (15 hrs) |                                                |     | 2nd Semester (15 hrs) |                                 |     |
| Course                | Title                                          | hrs | Course                | Title                           | hrs |
| STAT A201             | Elementary Statistics                          | 3   | EXSC A321             | Anat. & Biomech. Kinesiology    | 3   |
| EXSC A337             | Health & Behavior Change                       | 3   | EXSC A323/L           | Exercise Physiology and Lab     | 4   |
| EXSC A311             | Nutritional Aspects of Hlth, Fit, and Sp. Perf | 3   | EXSC ELEC             | EXSC Elective <sup>1</sup>      | 4   |
| GED ED                | Humanities                                     | 3   | GEN ED                | COMM A201 OR COMM A241          | 3   |
| BIOL A121             | Biological Sciences I                          | 3   | EXSC A203             | First Aid & CPR                 | 1   |
| Fourth Year           |                                                |     |                       |                                 |     |
| 1st Semester (16 hrs) |                                                |     | 2nd Semester (15 hrs) |                                 |     |
| Course                | Title                                          | hrs | Course                | Title                           | hrs |
| EXSC A423/L           | Exercise Testing & Lab                         | 4   | EXSC A424             | Exercise Prescription           | 3   |
| EXSC A440             | Topics in Allied Health                        | 3   | EXSC A441             | Internship in EXSC              | 3   |
| EXSC A458             | Research Methods in EXSC                       | 3   | GEN ED                | Humanities                      | 3   |
| ELEC                  | College Requirement*                           | 3   | ELEC                  | College Requirement*            | 3   |
| GEN ED                | HIST A201 OR HIST A202 OR POLI 201             | 3   | EXSC ELEC             | EXSC Elective <sup>1</sup>      | 3   |

\*Students in the College of Sciences and Engineering will complete a minimum of 15 total credit hours

from three or more areas: Humanities, Fine Arts, Math/Stats/Logic, Natural Sciences, Social Behavioral, and

<sup>1</sup> Applied Exercise Science elective courses are additional upper level (300 and above), beyond the specified courses in Exercise and Sports Science or with departmental permission.