

**Bloomsburg University - Department of Exercise Science**  
**Bachelor of Science in Exercise Science - Clinical Exercise Physiology Option**

| <b>Courses</b>   | <b>Cr.</b> | <b>Taken:</b> | <b>Courses</b>  | <b>Cr.</b> | <b>Taken:</b> |
|--|------------|---------------|---|------------|---------------|
| <b>Exercise Science Major Requirements</b>                       | <b>36</b>  |               | <b>Group A (Humanities)</b>   |            |               |
| 05.161 Introduction To Exercise Science                          | 3          | _____         | 1) _____  | 3          | _____         |
| 05.321 First Aid, Safety, AED                                    | 3          | _____         | 2) _____  | 3          | _____         |
| 50.173 Anatomy & Physiology I (also counts as Group C)           | 4          | _____         | 3) _____  | 3          | _____         |
| 50.173 Anatomy & Physiology II                                   | 4          | _____         | 4) _____  | 3          | _____         |
| 05.351 Kinesiology   | 3          | _____         | <b>Group B (Social Sciences)</b>  |            |               |
| 05.378 Exercise Physiology I                                     | 4          | _____         | 1) 45.211 Principles of Sociology   | 3          | _____         |
| 50.205 Introduction to Nutrition                                 | 3          | _____         | 2) 48.101 General Psychology  | 3          | _____         |
| 05.380 Research Methods Exercise Science                         | 3          | _____         | 3) 48.253 Social Psychology or 48.311 Adulthood & Aging                   | 3          | _____         |
| 05.450 ECG Interpretation/Exercise Testing                       | 3          | _____         | 4) _____  | 3          | _____         |
| 05.477 Exercise Prescription & Programming                       | 3          | _____         | <b>Group C (Nat. Sci. &amp; Math) (includes 50.173 listed with major)</b> |            |               |
| 05.478 Exercise Physiology II                                    | 3          | _____         | 50.231 Biology of Aging   | 3          | _____         |
| 05.498 Internship in Exercise Science <sup>1</sup>               | 6          | _____         | 52.101 Introduction to Chemistry  | 3          | _____         |
|  |            |               | 54.111 Introduction to Physics  | 4          | _____         |
| <b>Concentration (18 Credit Specialization)</b>                  | <b>18</b>  |               | <b>Free Electives:</b>  | <b>14</b>  |               |
| <b>Clinical Exercise Physiology</b>                              |            |               | 1) _____  | 3          | _____         |
| 05.397 Adult Health Development                                  | 3          | _____         | 2) _____  | 3          | _____         |
| 05.452 Cardiac Rehabilitation                                    | 3          | _____         | 3) _____  | 3          | _____         |
| 05.479 Clinical Exercise Physiology                              | 3          | _____         | 4) _____  | 3          | _____         |
| Electives  |            |               | 5) _____  | 2          | _____         |
| 1) _____   | 3          | _____         |   |            |               |
| 2) _____   | 3          | _____         |   |            |               |
| 3) _____   | 3          | _____         |   |            |               |
| <b>General Education - Total Credits:</b>                        | <b>51</b>  |               | <b>Optional University Seminar<sup>2</sup></b>                            | <b>1</b>   | _____         |
| <b>Communication (1 course may also count towards Group A)</b>   |            |               |   |            |               |
| 1) 20.101 Composition 1  | 3          | _____         | <b>TOTAL CREDITS FOR PROGRAM</b>  | <b>120</b> |               |
| 2) 2nd Writing Course:   | 3          | _____         |   |            |               |
| 3) _____   | 3          | _____         |   |            |               |
| <b>Quantitative</b>  |            |               | <b>Two Approved Diversity Courses:<sup>3</sup></b>                        |            |               |
| 53.109 College Algebra or 53.112, 53.113, 53.123, 53.141, 48.160 | 3          | _____         | _____   | _____      | _____         |
| <b>Values</b>  |            |               | _____   | _____      | _____         |
| 50.230 Human Sexuality or 82.217 Alcohol Use & Abuse             | 3          | _____         |   |            |               |
| <b>Fitness</b>   |            |               |   |            |               |
| 05.270 Exercise and You  | 2          | _____         |   |            |               |

**Note 1:** Internship candidates must complete CPR/AED/First Aid Certification, Liability Insurance, PA Child Abuse History Clearance & Criminal Record Check  
 Internship may be taken for 6 to 15 credits; credits exceeding 6 count as free electives

**Note 2:** If 09.100 not taken, then take additional Free Elective Credit

**Note 3:** Two of the Major, General Ed. or Elective Courses selected must also qualify as Diversity Courses; see approved list in catalog and consult advisor.