Arnold School of Public Health Department of Exercise Science Bulletin Year: 2019-2020

This course plan is a recommended sequence for this major. Courses designated as critical (!) may have a deadline for completion and/or affect time to graduation. Please see the

| cal Course Subject and Title  |     | Min.<br>Grade <sup>1</sup> | GPA <sup>2</sup> |        | Prerequisites                         | Notes |
|---|-----|----------------------------|------------------|--------|---------------------------------------|-------|
| ester One (15-16 Credit Hours)  |     |                            |                  |        |                                       |       |
| ENGL 101 Critical Reading and Composition   | 3   | С                          |                  | CC-CMW |                                       |       |
| MATH 122 Calculus for Bus. Admin. & Soc. Sci.                                       | 3   | С                          |                  | CC-ARP | MATH 111/111I/115 <i>(MATH 122)</i> ; |       |
| or MATH 141 Calculus I <sup>3</sup>   |     |                            |                  |        | MATH 112/115/116 (MATH 141); or       |       |
|   |     |                            |                  |        | Math placement test score             |       |
| PSYC 101 Introduction to Psychology   | 3   | С                          |                  | CC-GSS |                                       |       |
| BIOL 101 & 101L – Biological Principles I   | 4   | С                          |                  | CC-SCI |                                       |       |
| UNIV 101 The Student in the University  | 3   | С                          |                  | CR     |                                       |       |
| ester Two (17 Credit Hours)   |     |                            |                  |        |                                       |       |
| ENGL 102 Rhetoric and Composition   | 3   | С                          |                  | CC-CMW | C or better in ENGL 101               |       |
| 1   |     |                            |                  | CC-INF |                                       |       |
| BIOL 102 & 102L Biological Principles II  | 4   | С                          |                  | CC-SCI | BIOL 101 & Lab                        |       |
| CHEM 111 & 111L General Chemistry I   | 4   | С                          |                  | PR     | MATH 111                              |       |
| SOCY 101 Introductory Sociology   | 3   | С                          |                  | CR     |                                       |       |
| Carolina Core Requirement <sup>4</sup>  | 3   |                            |                  | CC     |                                       |       |
| ster Three (17-18 Credit Hours)   |     |                            |                  | 3.3    |                                       |       |
| PUBH 302 Introduction to Public Health  | 3   | С                          |                  | CR     |                                       |       |
| EXSC 191 Physical Activity and Health   | 3   | C                          |                  | MR     |                                       |       |
| EXSC 223 & 223L Anatomy & Physiology I  | 4   | C                          |                  | MR     | ENGL 102, BIOL 102, CHEM 111,         |       |
| 2250 225 & 22511 matomy & 1 mysiology 1   |     |                            |                  | 1,114  | MATH 122                              |       |
| PHYS 201 & 201L General Physics I   | 4   | С                          |                  | PR     | C or better in MATH 111/111i/112/     |       |
| 11110 201 & 20111 Ochelai I Hysics I  |     |                            |                  | 110    | 115/116/122/141 <i>or</i> higher      |       |
| Foreign language <sup>5</sup>   | 3-4 |                            |                  | CC-GFL | 113/110/122/1110/11gite1              |       |
| or other Carolina Core Requirement <sup>4</sup>                                     |     |                            |                  | CC OIL |                                       |       |
| ester Four (17 Credit Hours)  |     |                            |                  |        |                                       |       |
| EXSC 224 & 224L Anatomy & Physiology II   | 4   | С                          |                  | MR     | C or better in EXSC 223 & 223L        |       |
| STAT 201 Elementary Statistics  | 3   | C                          |                  | CC-ARP | MATH 111 or Math Placement Test       |       |
| or STAT 205 Elem. Stats. for the Bio. & Life Sci.                                   | ]   | C                          |                  | CC-MI  | Score                                 |       |
| CHEM 112 & 112L General Chemistry II  | 4   | С                          |                  | PR     | CHEM 111 or 141 & MATH 111, 115 or    |       |
| or PHYS 202 & 202L General Physics II   | -   | C                          |                  | 110    | higher math; Prereq or Coreq: MATH    |       |
| 0/ 11113 202 & 202L Ocheral I hysics if   |     |                            |                  |        | 122, 141 or higher & CHEM 112L        |       |
|   |     |                            |                  |        | (CHEM 112); PHYS 201 (PHYS 202)       |       |
| Cognate Course <sup>6</sup> (300-level or above)                                    | 3   | С                          |                  | PR     | See course listing in Bulletin.       |       |
| Foreign language <sup>5</sup>   | 3   | C                          |                  | CC-GFL | See course listing in Bulletin.       |       |
| or other Carolina Core Requirement <sup>4</sup>                                     | 3   |                            |                  | CC-GFL |                                       |       |
| ster Five (16 Credit Hours)   |     |                            |                  |        |                                       |       |
|   | 2   | С                          |                  | MD     | EVCC 222 8 224                        |       |
| EXSC 351 Acquisition of Motor Skills EXSC 330 & 330L The Phys. of Muscular Activity | 3   | C                          |                  | MR     | EXSC 223 & 224                        |       |
| 7   | 4   |                            |                  | MR     | C or better in EXSC 224 & 224L        |       |
| Cognate Course <sup>6</sup> (300-level or above)                                    | 3   | C                          |                  | PR     | See course listing in Bulletin.       |       |
| Cognate Course <sup>6</sup> (300-level or above)                                    | 3   | С                          |                  | PR     | See course listing in Bulletin.       |       |
| Carolina Core Requirement <sup>4</sup> or Approved Elective <sup>7</sup>            | 3   |                            |                  | CC/PR  |                                       |       |
| ster Six (12 Credit Hours)  |     |                            | 1                |        |                                       |       |
| EXSC 335 Biomechanics of Human Movement   | 3   | С                          |                  | MR     | C or better in EXSC 224, EXSC 224L,   |       |
|   |     |                            |                  |        | PHYS 201 & PHYS 201L                  |       |
| EXSC Cognate Course <sup>8</sup> (300-level or above)                               | 3   | С                          |                  | PR     | See course listing in Bulletin.       |       |
| Cognate Course <sup>6</sup> (300-level or above)                                    | 3   | С                          |                  | PR     | See course listing in Bulletin.       |       |
| Carolina Core Requirement <sup>4</sup> or Approved Elective <sup>7</sup>            | 3   |                            |                  | CC/PR  |                                       |       |
| ster Seven (13 Credit Hours)  |     |                            |                  |        |                                       |       |
| EXSC 401 Practicum Preparation  | 1   | С                          |                  | MR     | EXSC 530                              |       |
| EPID 410 Principles of Epidemiology   | 3   | С                          |                  | MR     | PUBH 102; Prereq or Coreq: STAT 201,  |       |
|   |     |                            |                  |        | 205 or BIOS 410                       |       |
| EXSC Cognate Course <sup>8</sup> (300-level or above)                               | 3   | С                          |                  | PR     | See course listing in Bulletin.       |       |
| Carolina Core Requirement <sup>4</sup> or Approved Elective <sup>7</sup>            |     |                            |                  | CC/PR  |                                       |       |
| Carolina Core Requirement <sup>4</sup> or Approved Elective <sup>7</sup>            | 3   |                            |                  | CC/PR  |                                       |       |
| ster Eight (12 Credit Hours)  |     |                            |                  |        |                                       |       |
| EXSC 444 Exercise Science Practicum   | 6   | С                          |                  | MR     | EXSC 401                              |       |
|   |     |                            |                  | CC-INT |                                       |       |
| EXSC Cognate Course <sup>8</sup> (300-level or above)                               | 3   | С                          |                  | PR     | See course listing in Bulletin.       |       |
| EXSC Cognate Course <sup>8</sup> (300-level or above)                               | 3   | C                          | <u> </u>         | PR     | See course listing in Bulletin.       |       |
| 12200 Cognate Course (200-level of above)   | J   | C                          | <u> </u>         | 110    | oce course using in Duncini.          |       |

**Graduation Requirements Summary** 

| Minimum Total<br>Hours | Minimum Major<br>Requirements Hours | College & Program Requirements Hours | Carolina Core Hours | Minimum<br>Institutional GPA |
|------------------------|-------------------------------------|--------------------------------------|---------------------|------------------------------|
| 120                    | 31                                  | 45-57                                | 32-44               | 2.000                        |

- 1. Regardless of individual course grades, students must maintain a minimum 2.000 cumulative GPA.
- 2. Some colleges require a minimum GPA for major courses. Courses indicated in this column are included in the major GPA for this program of study.
- 3. Students who do not place into MATH 122 or 141 must complete the required prerequisite before proceeding with MATH 122 or 141.
- 4. The Carolina Core provides the common core of knowledge, skill and academic experience for all Carolina undergraduate students.
- 5. Students in the Arnold School of Public Health are required to demonstrate proficiency in one foreign language equivalent to the 110 course through course credit or the corresponding foreign language placement score.
- 6. Each student must complete a cognate of 12 credit hours each. The cognate is intended to support the course work in the major. Depending on student interests, cognate courses may be selected from one or several units. Courses applied toward Carolina Core requirements, EXSC major courses, or EXSC cognate courses cannot be counted toward the cognate. All cognate courses must be approved by the student's academic advisor.
- 7. Students in Public Health must complete a minimum of 120 credit hours. Depending on specific course choices, students must complete an appropriate number of elective courses.
- 8. Each student must complete an EXSC cognate of 12 credit hours. The cognate is intended to support the course work in the major and enhance the student's area of interest. EXSC major requirement courses may not count towards the cognate. All EXSC cognate courses must be approved by the student's academic advisor.

## **Program Notes:**

- Students majoring in Exercise Science may pursue minors offered by other units. In completing a minor, students may apply advisor-approved courses to both the minor and cognate, or elective requirements. Courses applied as college requirements may also be used in the minor.
- The last 30 credit hours toward your degree must be earned in residence at the University of South Carolina-Columbia.

University Requirements: Bachelor's degree-seeking students must meet Carolina Core (general education) requirements. For more information regarding these requirements, please visit the <u>Carolina Core</u> page on the University website.

| Codes: |  |        |   |  |  |  |  |
|--------|--|--------|---|--|--|--|--|
| CC     | Carolina Core  | CC-INF | Carolina Core – Information Literacy                      |  |  |  |  |
| CC-AIU | Carolina Core-Aesthetic and Interpretive Understanding                             | CC-INT | Carolina Core – Integrative Course                        |  |  |  |  |
| CC-ARP | Carolina Core-Analytical Reasoning and Problem-Solving                             | CC-SCI | Carolina Core – Scientific Literacy                       |  |  |  |  |
| CC-CMS | Carolina Core-Effective, Engaged, and Persuasive Communication: Spoken Component   | CC-VSR | Carolina Core - Values, Ethics, and Social Responsibility |  |  |  |  |
| CC-CMW | Effective, Engaged, and Persuasive Communication: Written Component                | CR     | College Requirement                                       |  |  |  |  |
| CC-GFL | Carolina Core-Global Citizenship and Multicultural Understanding: Foreign Language | MR     | Major Requirement   |  |  |  |  |
| CC-GHS | Carolina Core – Historical Thinking  | PR     | Program Requirement                                       |  |  |  |  |
| CC-GSS | Carolina Core – Social Sciences  |        |   |  |  |  |  |

Disclaimer: Major maps are only a suggested or recommended sequence of courses required in a program of study. Please contact your academic advisor for assistance in the application of specific coursework to a program of study and course selection and planning for upcoming semesters.