

# B.S. IN REHABILITATION AND MOVEMENT SCIENCE

| Code   | Title  | Credits |
|--|--|---------|
| <b>Major in Rehabilitation and Movement Science (B.S.)</b> |  |         |
| <b>Applied Health Science Core</b>                         |  |         |
| AHS 100  | Foundations in Applied Health Science  | 1       |
| AHS 170  | Applied Nutrition  | 2       |
| AHS 248  | Applied Movement Systems   | 2       |
| AHS 250M   | Statistics and Research Methods in Applied Health Sciences   | 4       |
| AHS 370  | Functional Human Nutrition   | 4       |
| AHS 375  | Functional Anatomy   | 4       |
| AHS 379  | Integrative Human Physiology   | 4       |
| AHS 393  | Literature Review in Applied Health Sciences   | 2       |
| AHS 398  | Physiological Assessment Laboratory  | 1       |
| AHS 399  | Physiological Assessment   | 3       |
| AHS 440  | Advanced Training for Human Performance  | 2       |
| AHS 445  | Advanced Laboratory Techniques in Applied Health Sciences  | 4       |
| AHS 481  | Internship in Applied Health Sciences  | 2       |
| AHS 494  | Research in Applied Health Sciences  | 1       |
| AHS 495  | Applied Health Sciences Symposium  | 2       |
| <b>Interdisciplinary Core</b>                              |  |         |
| Choose one of the following course sequences:              |  | 8       |
| BIO 120<br>& BIO 120D<br>& BIO 124<br>& BIO 124D           | Introduction to Molecular and Cellular Biology<br>and Introduction to Molecular and Cellular Biology Lab<br>and Integrative Biology: Genes, Cells, Change<br>and Integrative Biology: Genes, Cells, Change Lab |         |
| OR   |  |         |
| BIO 122<br>& BIO 122D<br>& BIO 128<br>& BIO 128D           | Introduction to Organismic Biology<br>and Introduction to Organismic Biology Lab<br>and Integrative Biology: Metabolism, Energy, Biodiversity<br>and Integrative Biology: Metabolism, Energy, Biodiversity Lab |         |
| BIO 214<br>& BIO 215                                       | Human Anatomy<br>and Human Anatomy Lab   | 4       |
| BIO 216<br>& BIO 217                                       | Human Physiology<br>and Human Physiology Lab <sup>1</sup>  | 4       |
| CHE 113<br>& CHE 113D                                      | General Chemistry I<br>and General Chemistry I Lab   | 4       |
| PHY 202<br>& PHY 202D<br>or PHY 292<br>& PHY 292D          | Introductory Physics I<br>and Introductory Physics I Lab <sup>4,5</sup><br>General Physics I<br>and General Physics I Lab  | 4       |
| PSY 101  | Introduction to Psychology I   | 2       |
| PSY 102  | Introduction to Psychology II  | 2       |
| Choose 12 credits from the following courses:              |  | 12      |
| ANT 200  | Introduction to Anthropology   |         |

*B.S. in Rehabilitation and Movement Science 2*

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|---|---|
| BIO 105   | Medical Terminology   |
| CHE 214<br>& CHE 215                            | General Chemistry II<br>and General Chemistry II Lab  |
| MAT 121M  | Precalculus   |
| MAT 124M  | Calculus 1 <sup>2</sup>   |
| PHY 206<br>& PHY 207<br>or PHY 296<br>& PHY 297 | Introductory Physics II<br>and Introductory Physics II Lab <sup>6,7</sup><br>General Physics II<br>and General Physics II Lab |
| PSY 203   | Lifespan Development  |
| PSY 300   | Psychopathology   |
| SOC 101   | Introduction to Sociology   |

| Code                 | Title | Credits        |
|----------------------|-------|----------------|
| Major <sup>3</sup>   |       | 78             |
| General Education *  |       | 40-48          |
| Electives            |       | 0-4            |
| <b>Total Credits</b> |       | <b>122-126</b> |

<sup>1</sup> One of the following is a prerequisite for this course: BIO 104/BIO 104D, BIO 120/BIO 120D, BIO 124/BIO 124D, BIO 218, or NSC 130/NSC 130D.

<sup>2</sup> Placement at MAT 124M on the Math and Computer Science department placement exam; MAT 121M, concurrent enrollment in MAT 122, or equivalent high school or college course(s) is a prerequisite for this course.

<sup>3</sup> Students must earn a C or higher in each course in the major (AHS, ANT, BIO, CHE, MAT, PHY, PSY, SOC).

<sup>4</sup> MAT 121M, MAT 124M, successful completion of the Math and Computer Science department placement exam requirements is a prerequisite for PHY 202/PHY 202D.

<sup>5</sup> MAT 124M is a prerequisite for PHY 292/PHY 292D.

<sup>6</sup> PHY 202/PHY 202D is a prerequisite for PHY 206/PHY 207.

<sup>7</sup> PHY 292/PHY 292D and MAT 125 are prerequisites for PHY 296/PHY 297.

\* Courses whose number is followed by a letter fulfill a General Education requirement.