BS in Exercise & Wellness (663434) MAP Sheet
Life Sciences, Exercise Sciences
For students entering the degree program during the 2017-2018 curricular year.

<table>
<thead>
<tr>
<th>University Core and Graduation Requirements</th>
<th>Suggested Sequence of Courses</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>University Core Requirements:</strong></td>
<td><strong>FRESHMAN YEAR</strong></td>
</tr>
<tr>
<td><strong>Requirements</strong></td>
<td>1st Semester</td>
</tr>
<tr>
<td>#Classes</td>
<td>Hours</td>
</tr>
<tr>
<td><strong>Religion Cornerstones</strong></td>
<td></td>
</tr>
<tr>
<td>Teachings and Doctrine of The Book of Mormon</td>
<td>1 2.0 REL A 275</td>
</tr>
<tr>
<td>Jesus Christ and the Everlasting Gospel</td>
<td>1 2.0 REL A 250</td>
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<tr>
<td>Foundations of the Restoration</td>
<td>1 2.0 REL C 225</td>
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<tr>
<td>The Eternal Family</td>
<td>1 2.0 REL C 200</td>
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<tr>
<td><strong>The Individual and Society</strong></td>
<td></td>
</tr>
<tr>
<td>American Heritage</td>
<td>1-2 3.0-6.0 from approved list</td>
</tr>
<tr>
<td>Global and Cultural Awareness</td>
<td>1 3.0 from approved list</td>
</tr>
<tr>
<td><strong>Skills</strong></td>
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<tr>
<td>First Year Writing</td>
<td>1 3.0 from approved list</td>
</tr>
<tr>
<td>Advanced Written and Oral Communications</td>
<td>1 3.0 from approved list</td>
</tr>
<tr>
<td>Quantitative Reasoning</td>
<td>1 3.0 STAT 121*</td>
</tr>
<tr>
<td>Languages of Learning (Math or Language)</td>
<td>1 3.0 STAT 121*</td>
</tr>
<tr>
<td><strong>Arts, Letters, and Sciences</strong></td>
<td></td>
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<tr>
<td>Civilization 1</td>
<td>1 3.0 from approved list</td>
</tr>
<tr>
<td>Civilization 2</td>
<td>1 3.0 from approved list</td>
</tr>
<tr>
<td>Arts</td>
<td>1 3.0 from approved list</td>
</tr>
<tr>
<td>Letters</td>
<td>1 3.0 from approved list</td>
</tr>
<tr>
<td>Biological Science</td>
<td>1 3.0 NDFS 100*</td>
</tr>
<tr>
<td>Physical Science</td>
<td>1 3.0 from approved list</td>
</tr>
<tr>
<td>Social Science</td>
<td>1 3.0 EXSC 221*</td>
</tr>
<tr>
<td><strong>Core Enrichment: Electives</strong></td>
<td></td>
</tr>
<tr>
<td>Religion Electives</td>
<td>3-4 6.0 from approved list</td>
</tr>
<tr>
<td>Open Electives</td>
<td>Variable Variable personal choice</td>
</tr>
<tr>
<td><strong>Graduation Requirements:</strong></td>
<td></td>
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<tr>
<td>Minimum residence hours required</td>
<td>30.0</td>
</tr>
<tr>
<td>Minimum hours needed to graduate</td>
<td>120.0</td>
</tr>
</tbody>
</table>

*THESE COURSES FILL UNIVERSITY CORE AND PROGRAM REQUIREMENTS (9 hours overlap)

Please check with departments for current availability of all courses.

**Note:** Students are encouraged to complete an average of 15–16 credit hours each semester or 30–32 credit hours each year, which could include spring and/or summer terms. Taking fewer credits substantially increases the cost and the number of semesters to graduate.

This handout is NOT a contract between Brigham Young University and present or prospective students. Although the University makes every effort to ensure the accuracy of this information, it reserves the right to make changes as university business may require. Students should regularly consult their department or college advisement center.
# BS in Exercise & Wellness (663434)
## 2017-2018 Program Requirements (60.5 Credit Hours)

**TERMINAL OUTCOMES**

- Analyze exercise and wellness environments to develop comprehensive programs.
- Synthesize knowledge and skills to develop optimal exercise and wellness programs.
- Communicate effectively to promote exercise and wellness.
- Demonstrate critical thinking in the planning, development, evaluation, and administration of exercise and wellness programs.
- Function as self-directed, ethical professionals in the exercise and wellness field.
- Assess and evaluate exercise and wellness interventions.
- Demonstrate appropriate knowledge and skills necessary to promote exercise and wellness.

## REQUIREMENT 1 Complete 6 courses

### PREREQUISITES TO THE EXERCISE AND WELLNESS CORE:
- HLTH 320 - Advanced First Aid and Safety 3.0
- *NDFS 100 - Essentials of Human Nutrition* 3.0
- PDBIO 220 - Human Anatomy (with lab) 3.0
- PDBIO 305 - Human Physiology 4.0
- *STAT 121 - Principles of Statistics* 3.0
- STDEV 150 - Public Speaking 3.0

## REQUIREMENT 2 Complete 6 courses

### REQUIRED CORE COURSES:
- EXSC 302 - Philosophical and Ethical Issues in Exercise Sciences 1.0
- EXSC 387 - Lifestyle and Chronic Disease Prevention 3.0
- EXSC 410 - Stress Management 3.0
- EXSC 463 - Exercise Physiology 3.0
- EXSC 464 - Exercise Physiology Lab 0.5
- EXSC 480 - Obesity and Weight Management 3.0

## REQUIREMENT 3 Complete 4.0 hours from the following course(s)

### REQUIRED CORE COURSE:
- EXSC 399R - Exercise and Wellness Internship 9.0v

## REQUIREMENT 4 Complete 24.0 hours from the following option(s)

### ELECTIVES:

#### OPTION 4.1 Complete up to 24.0 hours from the following course(s)

- EXSC 221 - Science of Wellness 3.0
- EXSC 320 - Basic Athletic Training 3.0
- EXSC 321 - Basic Athletic Training Lab 0.5
- EXSC 349 - Body, Mind, Spirit 3.0
- EXSC 365 - Scientific Bases of Sport: Kinesiology 2.0
- EXSC 385 - Personal Training Strategies 3.0
- EXSC 440 - Advanced Musculoskeletal Human Anatomy (includes lab) 4.0
- EXSC 455 - Worksite Health Promotion 3.0
- EXSC 468 - Problems in Exercise Prescription 2.0
- HLTH 335 - Health Behavior Change 3.0
- HLTH 345 - Principles of Epidemiology 3.0
- HLTH 460 - Substance Abuse and Addictive Behavior 3.0
- HLTH 466 - Health and the Aging Process 3.0
- NDFS 310 - Nutrition and Metabolism in Sports and Exercise 2.0
- PDBIO 365 - Pathophysiology 4.0

#### OPTION 4.2 Complete up to 6 hours from the following course(s)

- PDBIO 363 - Advanced Physiology Laboratory 1.0
- STDEV 170 - Introduction to Health Professions 1.0

### THE DISCIPLINE

Exercise and wellness is a departure from the typical U.S. medical model in that the focus is on helping individuals achieve optimal health and fitness, rather than on discovering and treating disease. Recent research findings, along with rising health care costs, have spurred an interest in keeping people healthy to improve the quality of life and avoid unnecessary medical expenses.

Depending on electives completed, there are several excellent career and graduate school options to pursue. Earning a master’s degree in exercise science, for example, can give the added knowledge and experience needed to direct a private, commercial, corporate, or clinical health/fitness program. Other graduate school opportunities include a master’s in public health (MPH), business administration (MBA), recreational therapy (MS), or nutritional science (MS) or a master’s in physician assistant studies (MPAS), to name a few.

### CAREER OPPORTUNITIES

Exercise and Wellness professionals find employment primarily in commercial or community fitness centers, but may also work in hospital wellness programs or corporate health promotion programs. Job responsibilities typically involve teaching clients how to achieve optimal wellness through effective exercise, wholesome nutrition, and successful stress management strategies.

Exercise and wellness professionals may function at a staff or management level. Staff personnel often conduct one-on-one counseling sessions on a variety of health-related subjects as well as perform fitness testing and exercise prescription. They also may conduct workshops, conferences, or seminars on exercise, nutrition, stress management, weight control, and many other topics.

Program directors typically possess a master’s degree with several years of experience working in a health promotion/wellness environment. As a program director, additional responsibilities typically include: financial budgeting, marketing, program administration and evaluation, and personnel hiring and training.

Students pursuing a degree in exercise and wellness are usually more successful in their profession if they gain expertise in the following areas: counseling, public speaking, behavior change, business, first aid, gerontology, and/or aerobic dance teaching. It is also strongly recommended that students obtain a health/fitness certification through a reputable certifying organization.

Survey data indicate that personal trainers earned $51,000 annually in the U.S. Throughout the U.S. the salaries range from $37,000 to $63,000. Health promotion program directors’ salaries are similar to those of personal trainers, with more earning potential for individuals with graduate degrees and/or experience.

### MAP DISCLAIMER

While every reasonable effort is made to ensure accuracy, there are some student populations that could have exceptions to listed requirements. Please refer to the university catalog and your college.
BS in Exercise & Wellness (663434)
2017-2018

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