

Name: \_\_\_\_\_ Date: \_\_\_\_\_

## Bachelor of Science in Education - Exercise Physiology

### A Suggested Sequence of Required Courses (2017-2018 Catalog)

#### Freshman Year

Fall	Spring
_____ 0 CHA 1088 <i>Chapel</i> (And UNV 1000)	_____ 0 CHA 1088 <i>Chapel</i>
_____ 3 ENG 1302 <i>Thinking and Writing</i>	_____ 3 CHE 1300 <i>Introductory Chemistry</i>
_____ 2-3 Fine Arts (art, music or theater arts)	_____ 3 CSS 1301 or CSS 1302 <i>Public Communication</i>
_____ 1 PUBH 1145 <i>Health and Human Behavior</i>	_____ 3 ENG 1304 <i>Thinking, Writing &amp; Research</i> (or ENG 3300)
_____ 3 MTH 1320 <i>Pre-Calculus</i> or MTH 1321 <i>Calculus I</i>	_____ 3 History
_____ 3 REL 1310 <i>The Christian Scriptures</i>	_____ 1 LF 11__
_____ 3 SOC 1305 <i>Introduction to Sociology</i>	_____ 3 REL 1350 <i>The Christian Heritage</i>
Total: 15-16	Total: 16

#### Sophomore Year

Fall	Spring
_____ 4 HP 1420 <i>Human Anatomy</i> ( <b>Pre-req for HP 2306 &amp; 2420</b> )	_____ 3 ENG 2301, 2304 OR 2306 <i>Literature</i>
_____ 1 LF 11__	_____ 4 HP 1421 <i>Intro to Human Physiology</i> ( <b>Pre-req for HP 4450</b> )
_____ 3 BUS 1305 or CSI 3303	_____ 3 HP 2306 <i>Anatomical Kinesiology</i> (" <b>C</b> " in HP 1420 required) <b>(Pre-req for HP 4354)</b>
_____ 4 PHY 1408 <i>General Physics Natural Behavior Sciences I</i>	_____ 1 LF 11__
_____ 3 PSY 1305 <i>Introduction to Psychology</i>	_____ 4 PHY 1409 <i>General Physics Natural Behavior Sciences II</i>
Total: 15	Total: 15

#### Junior Year

Fall	Spring
_____ 3 General Division Elective (see reverse)	_____ 3 HP 3320 <i>Fund Exercise Biochemistry</i> ( <b>Spring only</b> )(HP 2420 required)
_____ 3 PUBH 3313 <i>Nutrition</i> (or NUTR 2351 / 3314)	_____ 3 HP 3330 <i>Res. Methods &amp; Design in ES</i>
_____ 3 HP 2307 <i>Biomechanics</i>	_____ 3 HP 4368 <i>Motor Learning &amp; Development</i> ( <b>Spring only</b> )
_____ 4 HP 2420 <i>Exercise Physiology</i> (" <b>C</b> " in HP 1420 required) <b>(Pre-req for HP 3320, HP 4450, HP 4352, HP 4354)</b>	_____ 4 HP 4450 <i>Exercise Testing and Interpretation I</i> (HP 1421 & 2420 required) <b>(Pre-req for HP 4471, HP 4375)</b>
_____ 3 HP 4393 <i>Facilities &amp; Equipment HHPR</i> or BUS 3303 <i>Managerial Communications</i>	_____ 3 PSC 2302 <i>American Constitutional Development</i>
Total: 16	Total: 16

#### Summer

_____ 6 HP 4V79 <i>Internship in Human Performance</i> (see below)
Total: 6

#### Senior Year

Fall	Spring
_____ 3 General Division Elective (see reverse)	_____ 3 General Division Elective (see reverse)
_____ 3 HP 4352 <i>Exercise &amp; Sport Nutrition</i> ( <b>Fall Only</b> ) <b>(HP 2420 required)</b> HP 4354 <i>Techniques of Strength Training &amp; Conditioning</i> ( <b>Fall only</b> ) (HP 2306 & 2420 required)	_____ 3 General Division Elective (see reverse)
_____ 3 HP 4354 <i>Techniques of Strength Training &amp; Conditioning</i> ( <b>Fall only</b> ) (HP 2306 & 2420 required)	_____ 3 HP 4369 <i>Sports Psychology</i>
_____ 4 HP 4471 <i>Exercise Testing and Interpretation II</i> <b>(HP 4450 &amp; CPR/First Aid required)</b>	_____ 3 HP 4375 <i>Exercise Prescription in Health and Disease</i> ( <b>Spring Only</b> ) <b>(HP 4450 required)</b>
Total: 13	Total: 12

**Total Credit Hours = 124 - 125** \* All students must graduate with a minimum of 124 hours, 36 of which must be at the 3000/4000 level.

**Notes about major requirements:**

General Division Electives must be selected from the approved list or approved by the program director.

**Program Director: Dr. Deborah Johnston; MMGym, #215; (254) 710-4020**

**Academic Advisors: RCHHS Advising; Hankamer H020; (254) 710-4408**

**Please see reverse side for important information on general requirements and electives.**

## General Division Electives

1. Select any FOUR courses from the approved list of classes below.
2. 1000-level one hour activity courses may not be taken to meet this requirement.

Strength and Conditioning General Division Electives	
HP 2341	Prevention and Care of Athletic Injuries
HP 3382	Risk Management
HP 4370	Successful Coaching
HP 4372/ SOC 4311	Sociology of Sport
HP 4398/ REL 4398	Sports Related Ethics
RLS 3302	Program Planning in RLS
MGT 3305	Organizational Behavior
ENT 3315 / RLS 4391	Starting and Managing a Business Leisure Service Management

Nutrition General Division Electives	
NUTR 2351	Nutrition
NUTR 2380	Introduction to Food Delivery Systems (pre-req FCS 2351)
NUTR 3314	Consumer Nutrition
NUTR 3351	Nutrition Education (pre-req FCS 2351)
NUTR 3388	Introduction to Medical Nutrition Therapy (pre-req BIO 1305, CHE 1301, FCS 2351)
NUTR 4351	Life Cycle Nutrition (pre-req FCS 2351)
NUTR 4352	World Nutrition (pre-req FCS 2351)
NUTR 4386	Nutrition for Fitness and Sport (pre-req FCS 2351)

Pre Physical Therapy General Division Electives ** Please refer to specific PT Schools for requirements	
PSY 3341	Developmental Psychology
PSY 3321	Abnormal Psychology
CHE 1301	Basic Principles of Modern Chemistry I
CHE 1302	Basic Principles of Modern Chemistry II
BIO 3422	Human Physiology
BIO 3425	Human Anatomy
BIO 2401	Human Anatomy and Phys. I
BIO 2402	Human Anatomy and Phys. II
STA 1380 or STA 2381	Statistics
CLA 3381	Medical Terminology
HP 3368	Adapted Human Performance

Pre Medical General Division Electives	
BIO 1305 / 1105	Modern Concepts of Bioscience Modern Concepts of Bioscience Lab
BIO 1306 / 1106	Modern Concepts of Bioscience (continued) Modern Concepts of Bioscience Lab (continued)
CHE 1301	Basic Principles of Modern Chemistry I
CHE 1302	Basic Principles of Modern Chemistry II
CHE 3331	Organic Chemistry I
CHE 3332	Organic Chemistry II
CHE 4341	General Biochemistry
BIO 4307	Biochemistry and Physiology of the Cell
STA 1380 or STA 2381	Statistics

Business General Division Electives	
ENT 3315	Starting & Managing a Business (Soph or upper level standing)
ACC 2301	Survey of Accounting (pre-req. MIS 1305)
MGT 3305	Organizational Behavior (Jr. standing)
MKT 3305	Principles of Marketing ( Jr. standing)
MKT 3310	Professional Selling & Communication
ACC 2303	Financial Accounting
ACC 2304	Managerial Accounting
BUS 3302	Personal Finance Decisions

Basic Clinical General Division Electives	
PUBH 3351	Epidemiology/Vital Statistics
PUBH 4355	Human Diseases
PUBH 3350	Human Physiology for Allied Health Professionals
HP 3368	Adapted Human Performance
RLS 4396	Leisure Services for Persons with Disabilities
STA 1380	Elementary Statistics
CLA 3381	Medical Terminology
HP 2304	Advanced First Aid

**Professional Field Experience: HP 4V79 Internship in Human Performance**

**Must have 60 hours earned and attend mandatory Internship meeting prior to field experience. Internships for academic credit must be approved by program director and comply with University policy. First Aid and CPR certifications are required for field experience. The internship is 6 credit hours and 300 clock hours.**