

Name: _____ Date: _____

Bachelor of Science - Exercise Physiology

A Suggested Sequence of Required Courses (2019-2020 Catalog)

Freshman Year			
Fall		Spring	
_____	0 CHA 1088 Chapel (And credit-bearing NSE or BU-1000)	_____	0 CHA 1088 Chapel
_____	3 ENG 1302, 1304 or 3300 (Research Writ & Lit Req 1)	_____	3 CHE 1300 Introductory Chemistry (SM 2) (Pre-req for NUTR 2351)
_____	2-3 Fine Arts & Performing Arts (see options below)	_____	3 CSS 1301 or 1302 Public Communication (Comm & Media Lit Req.)
_____	3-4 Foreign Language & Cultures	_____	3 ENG 2301 or 2306 (Research Writ & Lit Requirement 2)
_____	3 MTH 1320 or 1321 (Formal Reasoning Req) (Pre-req for PHY)	_____	3-4 Foreign Language & Cultures
_____	1 PUBH 1145 Health and Human Behavior	_____	3 HIS 1300 US in Global Perspective
_____	3 REL 1310 The Christian Scriptures (Pre-req for REL 1350)	_____	1 LF 11__
Total:	15-17	Total:	16-17
Sophomore Year			
Fall		Spring	
_____	4 HP 1420 Human Anatomy (Pre-req for HP 2306 & 2420)	_____	3 ENG 2310 American Literary Cultures
_____	1 LF 11__	_____	4 HP 1421 Intro to Human Physiology (Prereq for HP 4450)
_____	4 PHY 1408 General Physics for Nat & Beh Sci 1 (SM 1)	_____	3 HP 2306 Anatomical Kinesiology ("C" in HP 1420 required; Prereq for HP 4354)
_____	3 PSY 1305 Psych Science (Cont. Social Issues Req.)	_____	1 LF 11__
_____	3 REL 1350 The Christian Heritage	_____	4 PHY 1409 General Physics for Nat & Beh Sci II
Total:	15	Total:	15
Junior Year			
Fall		Spring	
_____	3 General Division Elective (see reverse)	_____	3 HP 3320 Fund of Exercise Biochemistry (HP 2420 required) (Spring only)
_____	3 HP 2307 Biomechanics	_____	3 HP 3330 Research Methods & Design in Exercise Science
_____	4 HP 2420 Exercise Physiology ("C" in HP 1420 required) (Pre-req for HP 3320, HP 4450, HP 4352, HP 4354)	_____	3 HP 4368 Motor Learning & Development (Spring only)
_____	3 NUTR 2351 Nutrition	_____	3 HP 4393 Facilities & Equip (FA or SPR) or HP 4369 Sports Psych (Spring only)
_____	3 SOC 1305 Intro to Sociology	_____	4 HP 4450 Exercise Testing and Interpretation I (HP 1421 & 2420 required) (Pre-req for HP 4471, HP 4375)
Total:	16	Total:	16
Summer			
_____	6 HP 4V79 Internship in Human Performance		
Total:	6		
Senior Year			
Fall		Spring	
_____	3 General Division Elective (see reverse)	_____	3 General Division Elective (see reverse)
_____	3 HP 4352 Exercise & Sport Nutr. (HP 2420 req; Fall only)	_____	3 General Division Elective (see reverse)
_____	HP 4354 Techniques of Strength Training & Conditioning (HP 2306 & 2420 required) (Fall only)	_____	3 HP 4375 Exercise Prescrip. in Health & Disease (HP 4450 req; Spring Only)
_____	4 HP 4471 Exercise Testing and Interpretation II (HP 4450 & CPR/First Aid certification required)	_____	3 PSC 2302 US Constitution
Total:	13	Total:	12

Total Hours = 124 -127

All students must graduate with a min. of 124 hours, 36 of which must be at the 3000/4000 level.

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

Boldface indicates important prerequisite requirements and Spring- or Fall-only course offerings

Fine Arts and Performing Arts: Select one from ADM 1241, ART 1300, 1310, 1314, 2302, 2303, CLA 3315, ENG 3304, 3306, FCS 1231, FDM 1309, ID 3313, 4313, MUS 1321, 3321, 3322, 3323, 4364/LAS 4364, THEA 1301, 1306

Foreign Language & Cultures Requirement: Must complete 6 hours in residence at Baylor and student must complete through the 2nd level

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

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

Exercise Physiology

Basic Notes:

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 counts for 6 credit hours and 300 clock hours.

General Division Electives - select 12 hours from the below approved list (or seek approval by the Program Director for courses not listed); Although grouped, electives don't all need to come from the same group
(1000-level, 1-hour activity courses may not be taken to meet this requirement)

Strength and Conditioning General Electives		
HP	2341	Prevention and Care of Athletic Injuries
HP	3382	Risk Management in HHPR
HP	4370	Successful Coaching
MGT	3305	Leadership & Organizational Behavior
ENT	3315	Starting & Managing a Business
RLS	3302	Program Planning in Leisure Services
RLS	4391	Leisure Service Management

Nutrition General Electives		
NUTR	1401	Introduction to Food Science
NUTR	2380	Introduction to Food Delivery Systems (pre-req: NUTR 1401 & 2351)
NUTR	3314	Consumer Nutrition
NUTR	3435	Food Service Production (pre-req: NUTR 1401, 2351 & 2380)
NUTR	3351	Nutrition Counseling & Education (pre-req: NUTR 2351)
NUTR	4351	Life Cycle Nutrition (pre-req: NUTR 2351)
NUTR	4352	World Nutrition (pre-req: NUTR 2351)
NUTR	4386	Nutrition for Sport & Fitness (pre-req: NUTR 2351)

Pre-Physical Therapy General Electives		
BIO	1305	Modern Concepts of Bioscience
BIO	1105	Modern Concepts of Bioscience Lab
BIO	1306	Modern Concepts of Bioscience, cont'd
BIO	1106	Modern Concepts of Bioscience Lab
BIO	2401	Human Anatomy and Physiology of Motion and Innervation
BIO	2402	Human Anatomy and Physiology of Metabolism and Processing
BIO	3322	Human Physiology (and BIO 3122, Human Physiology Lab)
BIO	4432	General Human Anatomy
CHE	1301	Basic Principles of Modern Chemistry I
CHE	1101	General Chemistry Lab I
CHE	1302	Basic Principles of Modern Chemistry II
CHE	1102	General Chemistry Lab II
CLA	3381	Medical Terminology
HP	3368	Adapted Physical Education
PSY	3321	Abnormal Psychology
PSY	3341	A Survey of Human Development
STA	1380	Elementary Statistics
STA	2381	Introductory Statistical Methods

Pre-Medical General Electives		
BIO	1305	Modern Concepts of Bioscience
BIO	1105	Modern Concepts of Bioscience Lab
BIO	1306	Modern Concepts of Bioscience, cont'd
BIO	1106	Modern Concepts of Bioscience Lab
BIO	2401	Human Anatomy and Physiology of Motion and Innervation
BIO	2402	Human Anatomy and Physiology of Metabolism and Processing
BIO	3322	Human Physiology (and BIO 3122, Human Physiology Lab)
BIO	4432	General Human Anatomy
CHE	1301	Basic Principles of Modern Chemistry I
CHE	1101	General Chemistry Lab I
CHE	1302	Basic Principles of Modern Chemistry II
CHE	1102	General Chemistry Lab II
CHE	4341	General Biochemistry
STA	1380	Elementary Statistics
STA	2381	Introductory Statistical Methods

Business General Electives		
ACC	2301	Survey of Accounting
BUS	3302	Personal Financial Decisions
ECO	1305	Issues in Economics for Non-Business Majors
ENT	3315	Starting and Managing a Business
MGT	3305	Leadership & Organizational Behavior
MKT	3305	Principles of Marketing
MKT	3310	Professional Selling & Communications

Basic Clinical General Electives		
CLA	3381	Medical Terminology
HP	2304	Advanced First Aid
HP	3368	Adapted Physical Education
PUBH	3350	Human Physiology for Allied Health Professionals
PUBH	3351	Epidemiology/Vital Statistics
PUBH	4355	Human Diseases (pre-req: PUBH 3350 or BIO 3422)
RLS	4396	Considerations for Diverse Populations in Leisure Programming
STA	1380	Elementary Statistics