

APPLIED EXERCISE SCIENCE: PRE-PROFESSIONAL, BS

Degree Requirements

Requirements for Students Matriculating in or before Academic Year 2026-2027. Learn more about University Academic Regulation 3.1 (<https://catalog.okstate.edu/university-academic-regulations/#matriculation>).

Minimum Overall Grade Point Average: 3.00

Total Hours: 120

Code	Title	Hours
General Education Requirements		
<i>English Composition</i>		
See Academic Regulation 3.5 (https://catalog.okstate.edu/university-academic-regulations/#english-composition)		
ENGL 1113 or ENGL 1313	Composition I Critical Analysis and Writing I	3
Select one of the following:		3
ENGL 1213	Composition II	
ENGL 1413	Critical Analysis and Writing II	
ENGL 3323	Technical Writing	
<i>American History & Government</i>		
Select one of the following:		3
HIST 1103	Survey of American History	
HIST 1483	American History to 1865 (H)	
HIST 1493	American History Since 1865 (DH)	
POLS 1113	American Government	3
<i>Quantitative Thought & Logical Reasoning (Q)</i>		
MATH 1513 or MATH 1613	College Algebra (Q) Trigonometry (Q)	3
<i>Understanding Humanities-Human Heritage & Cultures (H)</i>		
Courses designated (H)		6
<i>Reasoning in the Natural Sciences (N)</i>		
Must include one Laboratory-Based Inquiry (L) course		
Select one of the following:		4
BIOL 1113 & BIOL 1111	Introductory Biology (N) and Introductory Biology Laboratory (LN)	
BIOL 1114	Introductory Biology (LN)	
CHEM 1215 or CHEM 1314	Chemical Principles I (LN) Chemistry I (LN)	4
<i>Exploring Society & Human Behavior (S)</i>		
Course designated (S)		3
<i>Diversity (D)</i>		
Courses designated (D)		3
<i>Global Cultural Competency (G)</i>		
Courses designated (G)		3
<i>Additional General Education</i>		

Additional general education credit hours (at least 2 hours) are required to meet the total 40-hour minimum. If courses carry more than one general education designation and can be used to meet multiple minimum general education designation hours above, more than 2 hours of additional general education will be required here to meet the 40-hour minimum.

Courses designated (Q), (H), (N), (S), (D), (G), or (F). 2

Hours Subtotal 40

College/Departmental Requirements

Minimum GPA 3.00 with a minimum grade of "C"

UNIV 1111	First Year Seminar (or other approved first year seminar course)	1
EDHS 3111	Preparing for Your Future Career	1
NSCI 2013	Principles of Human Nutrition (N)	3
BIOL 3203 & BIOL 3201 or BIOL 3204	Physiology and Physiology Lab Physiology	4
HHP 1703	Introduction to Exercise Science	3
HHP 2553	Basic Athletic Injury Management	3
HHP 2654	Applied Anatomy	4
Select one of the following:		3
STAT 2013	Elementary Statistics (Q)	
STAT 2023	Elementary Statistics for Business and Economics (Q)	
STAT 2053	Elementary Statistics for the Social Sciences (Q)	

Hours Subtotal 22

Major Requirements

Minimum GPA of 3.00 with a minimum grade of "C" or "P" in each course

HHP 3114	Physiology of Exercise	4
HHP 3133	Ergogenic Aids for Sports and Human Performance	3
HHP 3443	Psychosocial Aspects of Sport and Coaching	3
HHP 3664	Biomechanics	4
HHP 4013	Motor Control and Learning	3
HHP 4124	Principles of Strength and Conditioning	4
NSCI 4133	Nutrition for Exercise and Sport	3
HHP 4480	Internship in Health and Human Performance (5 hours)	5

Hours Subtotal 29

Electives

Select 29 hours from approved electives 29

Hours Subtotal 29

Total Hours 120

Elective Suggestions

Code	Title	Hours
HHP 2802	Medical Terminology for the Health Professions	2
HHP 3010	Health and Human Performance Workshop	1-3
HHP 3123	Principles of Personal Training	3

HHP 3333	Ethics in Sports Administration and Coaching	3
HHP 3553	Theory and Practice of Coaching	3
HHP 3933	Tactical Strength and Conditioning	3
HHP 4083	Physiology of Aging	3
HHP 4010	Directed Study	1-3
HHP 4083	Physiology of Aging	3
HHP 4774	Principles of Exercise Testing and Prescription	4
BIOL 3123	Human Heredity (N)	3
BIOL 3214	Human Anatomy	4
BIOL 3933	Research Methods	3
BIOL 4215	Mammalian Physiology	5
BIOL 4223	Mammalian Physiology Capstone Laboratory	3
BIOL 4253	Pharmacology	3
BIOL 4283	Endocrinology	3
HLTH 3643	Health Behavior Theory	3
HLTH 4783	Public Health and Aging	3
MICR 3033	Cell and Molecular Biology	3
MGMT 3943	Sports Management	3
NSCI 3223	Nutrition Across the Life Span	3
NSCI 3543	Food and the Human Environment (GS)	3
PHIL 3833	Biomedical Ethics (H)	3
PSYC 3013	Psychology of Motivation	3
RT 2443	Contemporary Issues in Diversity (DS)	3
STAT 4013	Statistical Methods I (Q)	3

- Degrees that follow this plan must be completed by the end of Summer 2032.

Other Requirements

- 40 hours of upper-division coursework.
- Documentation of current first aid/CPR certification prior to completion of HHP 4480 Internship in Health and Human Performance.
- Required for graduation:
 - a. 3.00 Overall GPA;
 - b. 3.00 Overall GPA for enrollment in HHP 4480 Internship in Health and Human Performance;
 - c. 3.00 GPA in College/Departmental Requirements; and
 - d. 3.00 GPA in Major Requirements.
- The student must earn minimum grades of “C” or “P” in the College/Departmental Requirements and Major Requirements.

Additional State/OSU Requirements

- At least: 60 hours at a four-year institution; 30 hours completed at OSU; 15 of the final 30 or 50% of the upper-division hours in the major field completed at OSU.
- Limit of: one-half of major course requirements as transfer work; one-fourth of hours earned by correspondence; 8 transfer correspondence hours.
- Students will be held responsible for degree requirements in effect at the time of matriculation and any changes that are made, so long as these changes do not result in semester credit hours being added or do not delay graduation.