

Pre-Physical Therapy, AS

Northwest Community College

FRESHMAN

Fall Semester		Hrs	Spring Semester		Hrs		
BIOL	1010	General Biology I	4	ZOO	2020	Human Anatomy & Physiology II	4
ZOO	2010	Human Anatomy & Physiology	4	BIOL	2020	General Biology II	4
		Transfer & General Electives	3-4			Transfer & General Electives	3-4
		General Education Requirement	3-4			General Education Electives	6-8
		Wellness Education Elective	1				
TOTAL				TOTAL			
<u>15-17</u>				<u>17-18</u>			



SOPHOMORE

Fall Semester		Hrs	Spring Semester		Hrs		
MOLB	2210	General Microbiology	4			Capstone Requirement	1-3
		Transfer & General Electives	3-4			Transfer & General Electives	3-4
		General Electives	3-4			General Education Requirement	6-8
		General Education Requirement	3-4			General Electives	3-4
		Wellness Education Elective	1				
TOTAL				TOTAL			
<u>14-16</u>				<u>13-19</u>			
TOTAL DEGREE HOURS						<u>64</u>	

Transfer Recommendations and Notes:

Kinesiology & Health Promotion, BS

University of Wyoming

JUNIOR

Fall Semester		Hrs	Spring Semester		Hrs		
KIN	3021	Physiology of Exercise	4	KIN	3021	<i>Physiology of Exercise*</i>	4
KIN	3010	Fundamentals Health & Fitness	3	KIN	3010	<i>Fundamentals Health & Fitness*</i>	3
KIN/ HLED		Required & Elective Courses [^]	8-12	KIN/ HLED		Required & Elective Courses [^]	8-12
TOTAL			<u>15-16</u>	TOTAL			<u>15</u>



SENIOR

Fall Semester		Hrs	Spring Semester		Hrs		
KIN/ HLED	4015/ 4016	Internship &/OR Research Internship**	3	KIN/ HLED	4015/ 4016	Internship &/OR Research Internship**	3
		COM 3	3			COM 3	3
KIN/ HLED		Required & Elective Courses [^]	9-12	KIN/ HLED		Required & Elective Courses [^]	9-12
TOTAL			<u>15</u>	TOTAL			<u>15</u>
TOTAL DEGREE HOURS						<u>60</u>	

Transfer Recommendations and Notes:

*If not completed previously.

**Six (6) credit hours of *internship &/or research internship* are required for the Kinesiology & Health Promotion major. Up to twelve (12) credit hours may be completed and applied toward the program of study. Internship credit hours may be split across terms (e.g., fall/spring/summer) or may be completed in a single semester if coursework scheduling allows.

University of Wyoming Requirements include: Students must have a minimum cumulative GPA of 2.0 to graduate. • Students must complete 42 hours of upper division coursework, 30 of which must be from the University of Wyoming. • Courses must be taken for a letter grade unless offered only for S/U.

This is a guide for course work in the major; actual course sequence may vary by student. • Please refer to the online student degree evaluation. • Not all courses are offered every semester and some electives may have prerequisites. • Students should review the course descriptions in the University Catalog and consult with their academic advisor to plan accordingly.

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Transfer Recommendations and Notes (Cont.):

^Kinesiology & Health Required Courses

^8-9 hours if concurrently completing KIN 3010 & KIN 3021; 11-12 hours if not.

KIN	3034	Lifespan Motor Development	3	KIN	3037	Sports Psychology	3
	<i>OR</i> ¹				<i>OR</i> ¹		
KIN	4020	Motor Behavior	3	KIN	3038	Exercise Physiology	3
KIN	3042	Biomechanics of Human Movement	3	HLED	3020	Community & Public Health ²	3

^Kinesiology & Health Elective Courses

KIN	3040	Teaching Human Anatomy ³	3	KIN	3050	Prevention & Care of Athletic Injuries	2
KIN	3052	Rehabilitation of Athletic Injuries	2	KIN	3058	Therapeutic Modalities Ath. Trainer	3
KIN	3060	Understand Skill Acquisition Teaching	3	KIN	4024	Physical Activity Epidemiology	3
KIN	4029	Methods of Training and Conditioning	3	KIN	4042	Applied Biomechanics ⁴	3
KIN	4056	Advanced Exercise Test Prescription ⁵	4	KIN	4062	Concepts of Human Aging	3
KIN	4090	Foundations of Coaching	3	KIN	4097	Mentoring Human Anatomy	3
KIN	4900	Concepts in Physical Therapy	3	HLED	4020	Food, Health, and Justice	3
HLED	4130	Mgmt. of Coordinated School Health	3				

¹One of two is required; other course may be taken as an elective

²May be taken prior to admission to the *Professional Program*

³Application and Instructor permission required.

⁴Pre-requisite KIN 3042

⁵Pre-requisite KIN 3010 & KIN 3021

For students pursuing the Therapeutic Science emphasis (e.g. medicine, physician assistant, PT, OT, optometry, chiropractic, etc.), ~16 credit hours of additional science/math elective coursework offered outside the Division of Kinesiology & Health is typically required. Students should meet with their advisor and/or the College of Health Sciences pre-professional advisors to determine which elective science/math course is required/recommended. Elective coursework should be included in junior/senior program planning based on student needs and course availability. Some science course are only offered one time per year (either fall or spring) so advance planning is recommend. Of the 16 additional science/math courses needed for students pursuing a Therapeutic Sciences emphasis, 6-9 credit hours may be applied as "Elective courses" in the junior/senior year coursework.

Therapeutic Science Elective Courses (Junior/Senior Years; Pre-requisite course for some pre-health professional programs; Academic advising recommended).

CHEM	2420	Organic Chemistry I	4	CHEM	2440	Organic Chemistry II	4
LIFE	2022	Animal Biology	4	LIFE	3050	Genetics	4
MICR	2240	Medical Microbiology	4	MOLB	3610	Principles of Biochemistry	4
MOLB	4100	Clinical Biochemistry	3	MOLB	4600	Biochemistry I	3
PHYS	1120	General Physics II	4	PSYC	2300	Developmental Psychology	3
PSYC	2340	Abnormal Psychology	3	PSYC	3250	Health Psychology	3
ZOO	4125	Integrative Physiology	4				