

**KINESIOLOGY AND HEALTH B.S. DEGREE  
PRE-HEALTH PROFESSIONS - DENTISTRY  
2024-2025 SAMPLE FOUR-YEAR PLAN**

<b>Semester 1 - Freshman Year</b>	<b>Credit</b>
BIOL 2110-Principles of Biology I	3
BIOL 2110L-Principles of Biology Lab I	1
CHEM 1770-General Chemistry I	4
CHEM 1770L-Lab in General Chemistry I	1
ENGL 1500-Critical Thinking & Communication	3
KIN 2520-Intro to the Discipline of Kinesiology	1
KIN 2530-Orientation & Learning Community	1
LIB 1600-Intro to College Level Research	1
<b>Total</b>	<b>15</b>

<b>Semester 2 - Freshman Year</b>	<b>Credit</b>
BIOL 2120-Principles of Biology II	3
BIOL 2120L-Principles of Biology Lab II	1
CHEM 1780-General Chemistry II	3
CHEM 1780L-Lab in College Chemistry II	1
H S 1100-Personal & Consumer Health	3
MATH 1430-Prep for Calculus, MATH 1450-Applied Trigonometry or MATH 1650-Calculus I	3-4
<b>Total</b>	<b>14-15</b>

<b>Semester 3 - Sophomore Year</b>	<b>Credit</b>
BIOL 2550-Fundamentals of Human Anatomy*	3
BIOL 2550L-Fund of Human Anatomy Lab*	1
CHEM 3310-Organic Chemistry I	3
CHEM 3310L-Lab in Organic Chemistry I	1
ENGL 2500-Written, Oral, Visual & Elect Comp	3
KIN 2420-Planning for Success in a Health Career	.5
KIN 2580-Principles of Physical Fitness & Cond	2
PSYCH 1010-Introduction to Psychology or PSYCH 2300-Developmental Psychology	3
<b>Total</b>	<b>16.5</b>

<b>Semester 4 - Sophomore Year</b>	<b>Credit</b>
BIOL 2560-Fundamentals of Human Physiology**	3
BIOL 2560L-Fund of Human Physiology Lab**	1
CHEM 3320-Organic Chemistry II	3
CHEM 3320L-Lab in Organic Chemistry II	1
SOC 1340-Introduction to Sociology	3
STAT 1010-Principles of Statistics or STAT 1040-Introduction to Statistics	3-4
<b>Total</b>	<b>14-15</b>

<b>Semester 5 - Junior Year</b>	<b>Credit</b>
BBMB 4040-Biochemistry I	3
KIN 3660-Exercise Psychology or KIN 3650-Sport Psychology	3
KIN 3720-Motor Control & Learning	3
PHYS 1310-General Physics I	4
PHYS 1310L-General Physics I Lab	1
SP CM 2120-Fundamentals of Public Speaking	3
<b>Total</b>	<b>17</b>

<b>Semester 6 - Junior Year</b>	<b>Credit</b>
H S 3500-Human Diseases	3
KIN 3550-Biomechanics	3
PHYS 1320-General Physics II	4
PHYS 1320L-General Physics II Lab	1
Electives	3
Humanities/U.S. Cultures and Communities (formerly U.S. Diversity)	3
<b>Total</b>	<b>17</b>

<b>Semester 7 - Senior Year</b>	<b>Credit</b>
ENGL 3020, 3140-Business/Technical Comm or SP CM 3120-Business & Professional Speaking	3
KIN 3580-Exercise Physiology	3
KIN 3590-Exercise Physiology Lab	1
KIN 3730-Biomechanics & Motor Control Lab	1
Electives (3000+ Level Courses)	2
Humanities/International Perspectives	3
Social Science Choice	3
<b>Total</b>	<b>16</b>

<b>Semester 8 - Senior Year</b>	<b>Credit</b>
BIOL 3130, 3140, 3280*, 3350**, 3500* or BBMB 4050	3-4
Electives (3000+ Level Courses)	3
KIN 4000 Level Courses+	9
<b>Total</b>	<b>15-16</b>

\* Fall Only Course

\*\*Spring Only Course

†KIN 4000 Level Course Choices (9 cr): KIN 4580, 4620, 4660\*\*, 4670, 4720, 4730\*\*, 4800, H S 4640

Students must complete a 3 credit U.S. Diversity course and a 3 credit International Perspectives course. Students must also complete a minimum of 46 credits in 3000-4000 classes and a total of 124 credits to graduate. Four year plans are arranged with courses in prerequisite sequence and within the term a course is usually offered. This is a sample plan, always use the degree audit as the official documentation of progress toward a degree.