

**KINESIOLOGY AND HEALTH B.S. DEGREE
PRE-HEALTH PROFESSIONS-DENTISTRY
2017-2018 SAMPLE FOUR-YEAR PLAN**

<table border="0" style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th style="text-align: left;">Semester 1 - Freshman Year</th> <th style="text-align: right;">Credit</th> </tr> </thead> <tbody> <tr><td>KIN 252-Disciplines & Professions in Kin H</td><td style="text-align: right;">1</td></tr> <tr><td>KIN 253-Orientation & Learning Community</td><td style="text-align: right;">1</td></tr> <tr><td>BIOL 211-Principles of Biology I</td><td style="text-align: right;">3</td></tr> <tr><td>BIOL 211L-Principles of Biology Lab I</td><td style="text-align: right;">1</td></tr> <tr><td>CHEM 177-General Chemistry I</td><td style="text-align: right;">4</td></tr> <tr><td>CHEM 177L-Lab in General Chemistry I</td><td style="text-align: right;">1</td></tr> <tr><td>ENGL 150-Critical Thinking & Communication</td><td style="text-align: right;">3</td></tr> <tr><td>LIB 160-Information Literacy</td><td style="text-align: right;">1</td></tr> <tr style="border-top: 1px solid black;"> <td style="text-align: right;">Total</td> <td style="text-align: right;">15</td> </tr> </tbody> </table>	Semester 1 - Freshman Year	Credit	KIN 252-Disciplines & Professions in Kin H	1	KIN 253-Orientation & Learning Community	1	BIOL 211-Principles of Biology I	3	BIOL 211L-Principles of Biology Lab I	1	CHEM 177-General Chemistry I	4	CHEM 177L-Lab in General Chemistry I	1	ENGL 150-Critical Thinking & Communication	3	LIB 160-Information Literacy	1	Total	15	<table border="0" style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th style="text-align: left;">Semester 2 - Freshman Year</th> <th style="text-align: right;">Credit</th> </tr> </thead> <tbody> <tr><td>BIOL 212-Principles of Biology II</td><td style="text-align: right;">3</td></tr> <tr><td>BIOL 212L-Principles of Biology Lab II</td><td style="text-align: right;">1</td></tr> <tr><td>CHEM 178-General Chemistry II</td><td style="text-align: right;">3</td></tr> <tr><td>CHEM 178L-Lab in General Chemistry II</td><td style="text-align: right;">1</td></tr> <tr><td>H S 110-Personal & Consumer Health</td><td style="text-align: right;">3</td></tr> <tr><td>MATH (Trig or Calc)-143, 145, or 165</td><td style="text-align: right;">3-4</td></tr> <tr style="border-top: 1px solid black;"> <td style="text-align: right;">Total</td> <td style="text-align: right;">14-15</td> </tr> </tbody> </table>	Semester 2 - Freshman Year	Credit	BIOL 212-Principles of Biology II	3	BIOL 212L-Principles of Biology Lab II	1	CHEM 178-General Chemistry II	3	CHEM 178L-Lab in General Chemistry II	1	H S 110-Personal & Consumer Health	3	MATH (Trig or Calc)-143, 145, or 165	3-4	Total	14-15
Semester 1 - Freshman Year	Credit																																				
KIN 252-Disciplines & Professions in Kin H	1																																				
KIN 253-Orientation & Learning Community	1																																				
BIOL 211-Principles of Biology I	3																																				
BIOL 211L-Principles of Biology Lab I	1																																				
CHEM 177-General Chemistry I	4																																				
CHEM 177L-Lab in General Chemistry I	1																																				
ENGL 150-Critical Thinking & Communication	3																																				
LIB 160-Information Literacy	1																																				
Total	15																																				
Semester 2 - Freshman Year	Credit																																				
BIOL 212-Principles of Biology II	3																																				
BIOL 212L-Principles of Biology Lab II	1																																				
CHEM 178-General Chemistry II	3																																				
CHEM 178L-Lab in General Chemistry II	1																																				
H S 110-Personal & Consumer Health	3																																				
MATH (Trig or Calc)-143, 145, or 165	3-4																																				
Total	14-15																																				
<table border="0" style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th style="text-align: left;">Semester 3 - Sophomore Year</th> <th style="text-align: right;">Credit</th> </tr> </thead> <tbody> <tr><td>BIOL 255 & 255L-Human Anatomy & Lab*</td><td style="text-align: right;">4</td></tr> <tr><td>CHEM 331-Organic Chemistry I</td><td style="text-align: right;">3</td></tr> <tr><td>CHEM 331L-Lab in Organic Chemistry I</td><td style="text-align: right;">1</td></tr> <tr><td>KIN 258-Physical Fitness & Conditioning</td><td style="text-align: right;">2</td></tr> <tr><td>ENGL 250-Written, Oral, Visual & Elect Comp</td><td style="text-align: right;">3</td></tr> <tr><td>PSYCH 101 or 230-Intro or Dev Psychology</td><td style="text-align: right;">3</td></tr> <tr style="border-top: 1px solid black;"> <td style="text-align: right;">Total</td> <td style="text-align: right;">16</td> </tr> </tbody> </table>	Semester 3 - Sophomore Year	Credit	BIOL 255 & 255L-Human Anatomy & Lab*	4	CHEM 331-Organic Chemistry I	3	CHEM 331L-Lab in Organic Chemistry I	1	KIN 258-Physical Fitness & Conditioning	2	ENGL 250-Written, Oral, Visual & Elect Comp	3	PSYCH 101 or 230-Intro or Dev Psychology	3	Total	16	<table border="0" style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th style="text-align: left;">Semester 4 - Sophomore Year</th> <th style="text-align: right;">Credit</th> </tr> </thead> <tbody> <tr><td>BIOL 256 & 256L-Human Physiology & Lab**</td><td style="text-align: right;">4</td></tr> <tr><td>CHEM 332-Organic Chemistry II</td><td style="text-align: right;">3</td></tr> <tr><td>CHEM 332L-Lab in Organic Chemistry II</td><td style="text-align: right;">1</td></tr> <tr><td>SOC 134-Introduction to Sociology</td><td style="text-align: right;">3</td></tr> <tr><td>STAT 101 or 104-Statistics</td><td style="text-align: right;">3-4</td></tr> <tr><td>KIN 242-Planning Success Health Careers</td><td style="text-align: right;">.5</td></tr> <tr><td>Elective</td><td style="text-align: right;">1</td></tr> <tr style="border-top: 1px solid black;"> <td style="text-align: right;">Total</td> <td style="text-align: right;">15.5-16.5</td> </tr> </tbody> </table>	Semester 4 - Sophomore Year	Credit	BIOL 256 & 256L-Human Physiology & Lab**	4	CHEM 332-Organic Chemistry II	3	CHEM 332L-Lab in Organic Chemistry II	1	SOC 134-Introduction to Sociology	3	STAT 101 or 104-Statistics	3-4	KIN 242-Planning Success Health Careers	.5	Elective	1	Total	15.5-16.5		
Semester 3 - Sophomore Year	Credit																																				
BIOL 255 & 255L-Human Anatomy & Lab*	4																																				
CHEM 331-Organic Chemistry I	3																																				
CHEM 331L-Lab in Organic Chemistry I	1																																				
KIN 258-Physical Fitness & Conditioning	2																																				
ENGL 250-Written, Oral, Visual & Elect Comp	3																																				
PSYCH 101 or 230-Intro or Dev Psychology	3																																				
Total	16																																				
Semester 4 - Sophomore Year	Credit																																				
BIOL 256 & 256L-Human Physiology & Lab**	4																																				
CHEM 332-Organic Chemistry II	3																																				
CHEM 332L-Lab in Organic Chemistry II	1																																				
SOC 134-Introduction to Sociology	3																																				
STAT 101 or 104-Statistics	3-4																																				
KIN 242-Planning Success Health Careers	.5																																				
Elective	1																																				
Total	15.5-16.5																																				
<table border="0" style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th style="text-align: left;">Semester 5 - Junior Year</th> <th style="text-align: right;">Credit</th> </tr> </thead> <tbody> <tr><td>KIN 366 or 365-Exercise or Sport Psych</td><td style="text-align: right;">3</td></tr> <tr><td>PHYS 111-General Physics</td><td style="text-align: right;">5</td></tr> <tr><td>SP CM 212-Fund of Public Speaking</td><td style="text-align: right;">3</td></tr> <tr><td>KIN 372-Motor Control & Learning</td><td style="text-align: right;">3</td></tr> <tr><td>BBMB 404</td><td style="text-align: right;">3</td></tr> <tr style="border-top: 1px solid black;"> <td style="text-align: right;">Total</td> <td style="text-align: right;">17</td> </tr> </tbody> </table>	Semester 5 - Junior Year	Credit	KIN 366 or 365-Exercise or Sport Psych	3	PHYS 111-General Physics	5	SP CM 212-Fund of Public Speaking	3	KIN 372-Motor Control & Learning	3	BBMB 404	3	Total	17	<table border="0" style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th style="text-align: left;">Semester 6 - Junior Year</th> <th style="text-align: right;">Credit</th> </tr> </thead> <tbody> <tr><td>KIN 355-Biomechanics</td><td style="text-align: right;">3</td></tr> <tr><td>H S 350-Human Diseases</td><td style="text-align: right;">3</td></tr> <tr><td>PHYS 112-General Physics</td><td style="text-align: right;">5</td></tr> <tr><td>Humanities Choice</td><td style="text-align: right;">3</td></tr> <tr><td>Electives</td><td style="text-align: right;">3</td></tr> <tr style="border-top: 1px solid black;"> <td style="text-align: right;">Total</td> <td style="text-align: right;">17</td> </tr> </tbody> </table>	Semester 6 - Junior Year	Credit	KIN 355-Biomechanics	3	H S 350-Human Diseases	3	PHYS 112-General Physics	5	Humanities Choice	3	Electives	3	Total	17								
Semester 5 - Junior Year	Credit																																				
KIN 366 or 365-Exercise or Sport Psych	3																																				
PHYS 111-General Physics	5																																				
SP CM 212-Fund of Public Speaking	3																																				
KIN 372-Motor Control & Learning	3																																				
BBMB 404	3																																				
Total	17																																				
Semester 6 - Junior Year	Credit																																				
KIN 355-Biomechanics	3																																				
H S 350-Human Diseases	3																																				
PHYS 112-General Physics	5																																				
Humanities Choice	3																																				
Electives	3																																				
Total	17																																				
<table border="0" style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th style="text-align: left;">Semester 7 - Senior Year</th> <th style="text-align: right;">Credit</th> </tr> </thead> <tbody> <tr><td>KIN 358-Physiology of Exercise</td><td style="text-align: right;">3</td></tr> <tr><td>KIN 360-Sociology of Sport & Exercise</td><td style="text-align: right;">3</td></tr> <tr><td>ENGL 302, 314, or SP CM 312</td><td style="text-align: right;">3</td></tr> <tr><td>Social Science Choice</td><td style="text-align: right;">3</td></tr> <tr><td>Humanities Choice</td><td style="text-align: right;">3</td></tr> <tr style="border-top: 1px solid black;"> <td style="text-align: right;">Total</td> <td style="text-align: right;">15</td> </tr> </tbody> </table>	Semester 7 - Senior Year	Credit	KIN 358-Physiology of Exercise	3	KIN 360-Sociology of Sport & Exercise	3	ENGL 302, 314, or SP CM 312	3	Social Science Choice	3	Humanities Choice	3	Total	15	<table border="0" style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th style="text-align: left;">Semester 8 - Senior Year</th> <th style="text-align: right;">Credit</th> </tr> </thead> <tbody> <tr><td>KIN 400-Level Courses⁺</td><td style="text-align: right;">9</td></tr> <tr><td>BIOL 313, 314, 328*, 334, 335, 350* or BBMB 405</td><td style="text-align: right;">3-4</td></tr> <tr><td>Electives (300+ Level Courses)</td><td style="text-align: right;">3</td></tr> <tr style="border-top: 1px solid black;"> <td style="text-align: right;">Total</td> <td style="text-align: right;">15-16</td> </tr> </tbody> </table>	Semester 8 - Senior Year	Credit	KIN 400-Level Courses ⁺	9	BIOL 313, 314, 328*, 334, 335, 350* or BBMB 405	3-4	Electives (300+ Level Courses)	3	Total	15-16												
Semester 7 - Senior Year	Credit																																				
KIN 358-Physiology of Exercise	3																																				
KIN 360-Sociology of Sport & Exercise	3																																				
ENGL 302, 314, or SP CM 312	3																																				
Social Science Choice	3																																				
Humanities Choice	3																																				
Total	15																																				
Semester 8 - Senior Year	Credit																																				
KIN 400-Level Courses ⁺	9																																				
BIOL 313, 314, 328*, 334, 335, 350* or BBMB 405	3-4																																				
Electives (300+ Level Courses)	3																																				
Total	15-16																																				

* Fall Only Course

**Spring Only Course

⁺KIN 400 Level Course Choices: KIN 455, 458, 462, 467, 472, 473*, 480, H S 464**

Students must complete a 3 credit course in [U.S. Diversity](#) and a 3 credit course in [International Perspectives](#). Check the ISU website at <http://www.registrar.iastate.edu/students/div-ip-guide> for a list of approved courses. Students must also complete a minimum of 46 credits in 300-400 level courses and complete 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.