

Missouri State University -- College of Health and Human Services
Department of Health, Physical Education and Recreation

**Exercise and Movement Science Program-
Pre-Professional Option**

Bachelor of Science

Updated April 2009

This is a model four year graduation plan. Variations are possible. Your path to graduation may vary slightly based on factors such as college credit you earned while in high school, your choice of general education electives, and placement in English and Mathematics.

This degree program can be completed in eight semesters.

<p>First Semester (Fall) BIO 121 General Biology or BMS 110 Concepts in the Biomedical Sciences ENG 110 Writing I IDS 110 Intro to University Life PED 100 Fitness for Living PSY 121 Intro to Psychology CIS/CSC 101 or Competency Test Total Hours</p>	<p>Second Semester (Spring) 4 CHM 160 Fundamentals of Chemistry or CHM 105 4 or 5 COM 115 Fundamentals of Public Speaking 3 3 MTH 135 College Algebra 3 1 PHI 115 Ethics and Contemporary Issues 3 2 PED 212 Introduction to Exercise Science 1 3 2 Total Hours</p>	<p>14/15</p>
<p>Third Semester (Fall) BMS 307 Human Anatomy or PED 250 Applied Human Anatomy (3 hrs.) BMS 240 Introduction to Nutrition SOC 150 Introduction to Society CFD 155 Principles of Human Development THE 101 Intro to Theatre Total Hours</p>	<p>Fourth Semester (Spring) 4 LLT Scientific & Medical Terminology 2 ENG 321 or 310 Writing II 3 3 BMS 308 Human Physiology or 4 3 PED 252 Applied Human Physiology (3 hrs.) 3 ATC 222 Athletic Injuries 2 3 PLS 101 American Democracy and Citizenship 3 Electives 2 Total Hours</p>	<p>15/16</p>
<p>Fifth Semester (Fall) PED 362 Exercise Physiology PED 361 Motor Learning MTH 181 Trigonometry or MTH 261 Analytical Geom/Calculus I or (5 hrs) MTH 138 Pre Calculus CHM 170 and 175 Total Hours</p>	<p>Sixth Semester (Spring) 4 PHY 123 Introduction to Physics I 4 2 BIO 210 Elementary Microbio (PT) or 3 4 BIO 310 Microbiology (PA) PED 350 Health & Wellness Promotion 3 HST 121/122 US History 3 5 PSY 304 Abnormal Psychology 3 Total Hours</p>	<p>15/16</p>
<p>Seventh Semester (Fall) PED 360 Kinesiology PHY 124 Intro to Physics II or BMS 231 Human Genetics with Lab PSY 200 Psychological Stats Methods* Elective Gen Ed GEP 19 Total Hours</p> <p><i>*or SOC 302 or MTH 340 or ECO 308 or QBA 237 or AGR 330 or PSY 527</i></p>	<p>Eighth Semester (Spring) 4 PED 468 Adapted Physical Education 4 4 PED 500 Seminar - Physical Education 3 PED 569 Health Appraisal/Exer Testing 4 3 PED 465 Exercise Presc: Strength Conditioning 2 2 or 3 CHM 200 Ess of Organic Chemistry (PT) or 5 3 CHM 310 Organic Chemistry I (PA) Total Hours</p>	<p>16/17</p>
	<p>Total Hours</p>	<p>18</p>