

B.S. Exercise Science Degree

This is not an official list of degree requirements. Adjustments may be required due to curriculum changes.

First Year

Fall

Course	Prerequisite	Credit
UN 1015: Composition		3
MA1032: Precalculus or Math Placement		3-4
BL1400: Principles of Biology		3
BL1410: Principles of Biology Lab		1
CH1150: University Chemistry I		3
CH1151: University Chemistry I Lab		1
CH1153: University Chemistry I Recitation		1
KIP1000: Introduction to Kinesiology		1
Total		16-17

Spring

Course	Prerequisite	Credit
PSY2000: Introduction to Psychology		3
MA1135: Calculus for Life Sciences		4
CH1160: University Chemistry II		3
CH1161: University Chemistry II Lab		1
CH1163: University Chemistry Recitation		1
KIP1500: Foundations of Kinesiology		3
Essential Education: Activities for Well-being and Success		1
Total		16

Second Year

Fall

Course	Prerequisite	Credit
BL2010: Anatomy & Physiology I		3
BL2011: Anatomy & Physiology I Lab		1
KIP2000: Professionalism in Kinesiology		3
KIP2700: Essential Biochemistry		3
Free Elective		3
Essential Education: Activities for Well-being and Success		1
Total		14

Spring

Course	Prerequisite	Credit
BL2020: Anatomy & Physiology II		3
BL2021: Anatomy & Physiology II Lab		1
BL2940: Human Nutrition		3
KIP2100: Introduction to Athletic Training		3
Essential Education: Arts and Culture		3
Total		13

Third Year

Fall

Course	Prerequisite	Credit
KIP3100: Exercise Assessment and Prescription		3
PH1110: College Physics I		3
PH1111: College Physics I Lab		1
Free Elective		3
Free Elective		3
Essential Education: SHAPE		3
Total		16

Spring

Course	Prerequisite	Credit
KIP4100: Exercise Physiology		3
KIP4110: Exercise Physiology Lab		1
MA3715: Biostatistics		3
KIP3150: Functional Anatomy		3
KIP3000: Sports Psychology		3
Essential Education: Activities for Well-being and Success		
Total		14

Fourth Year

Fall

Course	Prerequisite	Credit
KIP4200: Biomechanics		3
KIP4210: Biomechanics Lab		1
KIP4120: Molecular Physiology		3
KIP4300: Motor Learning and Control (or Spring Option)		3
Free Elective		3
Essential Education: Communication Intensive		3
Total		13-16

Spring

Course	Prerequisite	Credit
KIP4000: Applied Nutrition		3
BL3970: Current Health Issues		3
KIP4350: Motor Development (or Fall Option)		3
KIP4900: Kinesiology Internship		3
Free Elective		3
Essential Education: Experience		1
Total		13-16

Grand Total = 120