

Typical Four-year Outline: Exercise Science Degree BS

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

First Year

Fall

Course	Prerequisite	Credit
KIP1000: Intro to Kinesiology		1
BL1400: Principles of Biology		3
BL1410: Principles of Biology Lab		1
CH1150: University Chemistry I		3
CH1151: University Chemistry I Lab		1
MA1032: Precalculus		4
UN1015: College Writing, Reading, & Research		3
Total		16

Spring

Course	Prerequisite	Credit
KIP1500: Foundations of Kinesiology, STEM		3
CH1160: University Chemistry 2		3
CH1161: University Chem 2 Lab		1
PSY2000: Introduction to Psychology		3
Free Elective		3
MA1135: Calculus for Life Sciences		3
Activity for Well-being and Success		1
Total		17

Second Year

Fall

Course	Prerequisite	Credit
BL2010: A and P I Lecture		3
BL2011: A and P I Lab		1
KIP2000: Professionalism in Kinesiology		2
KIP2700: Essential Biochemistry)		3
Free Elective		3
Communication Intensive		3
Activity for Well-being and Success		1
Total		16

Spring

Course	Prerequisite	Credit
BL2020: A and P II Lecture		3
BL2021: A and P II Lab		1
BL2940: Human Nutrition		3
KIP2100: Introduction to Athletic Training		3
Free Elective		3
Arts & Culture		3
Total		16

Third Year

Fall

Course	Prerequisite	Credit
KIP3100: Exercise Assessment & Prescription		3
PH1110: College Physics I		3
PH1111: College Physics 1 Lab		1
Free Elective		6
Intercultural Competency (upper level)		3
Activity for Well-being and Success		1
Total		16

Spring

Course	Prerequisite	Credit
KIP4100: Exercise Physiology		3
KIP4110: Exercise Physiology Lab		1
MA3715: Biostatistics		3
KIP3000: Sports Psychology		3
KIP3150: Functional Anatomy		3
Essential Ed Experience (upper level)		3
Total		16

Fourth Year

Fall

Course	Prerequisite	Credit
KIP4200: Biomechanics (3 cr)		3
KIP4210: Biomechanics Lab (1 cr)		1
KIP4120: Molecular Exercise Physiology (3 cr)		3
KIP4300: Motor Learning & Control (3 cr) [OR KIP3600]		3
Free Elective (3 cr)		3
Total		13

Spring

Course	Prerequisite	Credit
KIP4000: Sports Nutrition (2 cr)		2
BL3970: Current Health Issues SHAPE (3 cr)		3
KIP3600: Motor Development (3 cr) [OR KIP4300]		3
KIP4900: Kinesiology Internship (3 cr)		3
Free Elective (3 cr)		3
Free Elective (3 cr)		3
Total		17

Grand Total = 125 Credits