

**2020 B.S. in KINESIOLOGY: BIOMECHANICS EMPHASIS PROGRAM REQUIREMENTS
(Rev 05-27-2020)**

1st semester	Credit	2nd semester	Credit
ENGL101 English Composition (FW)	3	ENGL102 English Composition (FW)	3
UF100 Foundations of Intellectual Life (UF)	3	COMM101 or SOC122 (FC)	3
KINES140 Personal Health	3	Foundations of Arts (FA)	3
MATH143 College Algebra (FM)	3	Foundations of Humanities (FH)	3-4
PSYC101 Survey of Psychological Science (FS)	3	MATH144 Precalc II Trig. Functions	2

3rd semester	Credit	4th semester	Credit
BIOL227 Human A&P (FN)	4	BIOL228 Human A&P (FN)	4
MATH170 Calculus I	4	MATH175 Calculus II	4
CHEM111/111L Chemistry I	4	KINES270 Applied Anatomy	3
UF200 Foundations of Ethics and Diversity	3	ME112 Intro to Biomed Eng. (spring only)	1
BRONCOFIT	1	KINES201 Dimensions of PA	3

5th semester	Credit	6th semester	Credit
PHYS211/211L Physics I with Calculus	5	PHYS212/212L Physics II with Calculus	5
MSE245/245L Intro to Mater. Science & Engineering	4	**KINES370 Biomechanics	4
**KINES330 Exercise Physiology	4	Upper Division Elective	4
KINES301 Statistics	3	ENGR210 Engineering Mechanics I	3
Social Science in 2 nd field	3	BRONCOFIT	1

7th semester	Credit	8th semester	Credit
KINES430 Physical Activity Special Pop	3	ME356 Intro to Solid Biomechanics(spring only)	3
KINES416 Neuromechanics	3	**KINES493 Internship	3
ENGR220 Engineering Mechanics II	3	**KINES375 Human Growth &ML	4
MSE/BIOL477 Biomaterials (fall only)	3	KINES425 Lab Techniques in Biomechanics (Spring only) (FF)	3

NOTES:

- 1) University requirements = minimum 120 credits, 40 of which must be upper division credits
- 2) Will need to add BIOL191 to obtain the Minor in Biomedical Engineering
- 3) Classes denoted by ** require minimum 3.0 GPA to enroll