

B.S. Biophysics

2020-2021 Sample Course Schedule — *This is a recommended schedule and may be altered as needed. Consult your adviser when making changes. See degree audit for Christian Service requirements.*

FALL

WINTER

FIRST YEAR

ENGL 101	Critical Think in Ac Rdg & Wrtg I	3	ENGL 102	Critical Think in Ac Rdg & Wrtg II	3
MATH 191	Calculus I	4	MATH 192	Calculus II	4
BIOL 151	General Biology I	4	BIOL 152	General Biology II	4
CHEM 151	General Chemistry I	4	CHEM 152	General Chemistry II	4
NOND 101	Southern Connections	<u>1</u>	PEAC 125	Fitness for Collegiate Life	<u>1</u>
		16			16

SECOND YEAR

CHEM 311	Organic Chemistry I	4	CHEM 312	Organic Chemistry II	4
MATH 215	Statistics	3	COMM 135	Comm. & Public Speaking	3
MATH 218	Calculus III	4	MATH 315	Differential Equations	3
PHYS 221	University Physics I	4	PHYS 222	University Physics II	4
PHYS 223	University Physics Lab I	<u>1</u>	PHYS 224	University Physics Lab II	1
		16		Physical Activity (P-1b)	<u>1</u>
					16

THIRD YEAR

CHEM 361	Biochemistry I	4	CPTC 100	Computer Concepts	1
PHYS 310	Modern Physics	3	MATH 200	Elementary Linear Algebra	2
	PSYC 128 or SOCI 125	3	PHYS 497	Undergrad Research in Physics♦	1
	Historical Perspectives (IN-6)	3	PHYS 305	Biophysics	3
	RELT 138, 225, or 255 (R-2)	<u>3</u>		Physical Activity (P-1b)	1
		16		RELB 125 or RELT 177 (R-1)	3
				U.D. Aesthetic Analysis (IN-10) (W)	<u>3</u>
					14

FOURTH YEAR

BIOL 311	Genetics	4	BIOL 412	Cell and Molecular	4
BIOL 418	Animal Physiology	3	RELT 317	Issues in Physical Sci & Religion (R-4)	3
PEAC 425	Fit for Hire	1	PHYS 325	Advanced Physics Lab+	1
	U. D. Biblical Studies (R-3) (W)	3	PHYS 480	Science Wrtg & Presentation* (W)	1
	Electives♦♦	<u>4</u>	PHYS	Physics Elective	3
		15		Stewardship, Bus, & Econ. (IN-9)	<u>3</u>
					15

TOTAL HOURS **124**

♦Select 1 hour from the following: PHYS 295, 495, 297, 497.

♦♦Recommended electives: CPTR 124, CHEM 362, PHYS 411, PHYS 412.

*Preparation for Scientific Writing can be obtained via PHYS 497 the previous semester or as part of a summer research appointment (e.g. through the National Science Foundation Research Experience for Undergraduates program).

+ PHYS 325 taught on odd years and can swap with P-1b course