

WILEY UNIVERSITY
BACHELOR OF SCIENCE IN BIOLOGY
 SCHOOL OF EDUCATION, ARTS, AND SCIENCES

RECOMMENDED FOUR-YEAR CURRICULUM

FRESHMAN YEAR							
First Semester				Second Semester			
			Cr. Hrs.				Cr. Hrs.
ENGL	1301	English Composition I	3	ENGL	1302	English Composition II	3
BIOL	1411	General Biology I w/ Lab	4	MATH	1351	General Pre-Calculus II	3
CHEM	2401	General Chemistry I w/ Lab	4	BIOL	1422	General Biology II / Lab (Botany)	4
GESS	1300	Academic Success Seminar	3	CHEM	2402	General Chemistry II w/ Lab	4
*MATH	1350	Pre-Calculus I	3	HIST	2300	Introduction to African American Studies	3
GEEP	1001	General Educ. Enrich Program	0	GEEP	1002	General Educ. Enrich Program	0
			Total				Total
			17				17

**Either MATH 1350 or 1351 (Pre-Calculus I, II) or MATH 2410, and 2420 (Calculus I, II). The Calculus track is recommended for pre-pharmacy students.*

SOPHOMORE YEAR							
First Semester				Second Semester			
			Cr. Hrs.				Cr. Hrs.
PHYS	2401	General Physics I with Lab	4	PHYS	2402	General Physics II with Lab	4
ENGL	2311	World Literature I	3	CHEM	3402	Organic Chemistry II with Lab	4
BIOL	4411	Principles of Genetics with Lab	4	SPCH	2300	Speech Communication	3
BIOL	2200	Concepts in Laboratory Analysis	2	BIOL	2301	Nutrition	3
CHEM	3401	Organic Chemistry I with Lab	4	HIST	1301	United States History I	3
GEEP	2001	General Educ. Enrich Program	0	GEEP	2002	General Educ. Enrich Program	0
			Total				Total
			17				17

JUNIOR YEAR							
First Semester				Second Semester			
			Cr. Hrs.				Cr. Hrs.
HIST	1302	United States History II	3	SPAN	2302	Elementary Spanish II	3
BIOL	3411	Essentials of Cell / Molecular Biology	4	BIOL	3442	Anatomy and Physiology II with Lab	4
BIOL	3111	Biology Seminar I	1	BIOL	4112	Biology Seminar II	1
BIOL	3441	Anatomy and Physiology I with Lab	4	CHEM	4404	Advanced Techniques in Molecular Biology and Biochemistry	4
MATH	3305	Elementary Statistics	3	GEEP	3002	General Educ Enrich Program	0
SPAN	2301	Elementary Spanish I	3				Total
							12

GEEP	3001	General Educ. Enrich Program	0
Total			18

SENIOR YEAR							
First Semester				Second Semester			
Cr. Hrs.				Cr. Hrs.			
BIOL	4201	Research in Biology	2	BIOL	4331	Bioethics	3
PSYC	2300	Introduction to Psychology or	3	BIOL	2304	Medical Terminology*	3
SOCI	2310	Introduction to Sociology					
HUMA	2300	Humanities	3	BIOL	4441	Microbiology with Lab	4
RELI	1301	Survey of Religion and Philosophy	3	BIOL		Translational Models in Research**	1
MATH	2410	Calculus 1	3	PHED	1111	Fundamentals of Health & Fitness II	1
PHED	1110	Fundamentals of Health & Fitness I	1	GEEP	4002	General Educ. Enrich Program	0
GEEP	4001	General Educ. Enrich Program	0	Total			12
Total			15				

*Medical Terminology or other upper-level Biology Elective.

**Translational Models in Research or Current Topics in Biology to serve 1 credit hour upper-level Biology Electives.

TOTAL SEMESTER HOURS: 125*

*The number of total hours is contingent upon the elective chosen.

COURSES REQUIRED TO SATISFY A MINOR – OPTIONAL (26 HOURS)

Course	Course Title	Credit Hours
BIOL 1411	General Biology I with Lab (Zoology emphasis)	4
BIOL 1422	General Biology II with Lab (Botany emphasis)	4
BIOL 2301	Nutrition	3
BIOL 3411	Essential of Cell/ Molecular Biology with Lab	4
BIOL 4331	Bioethics	3
BIOL 4411	Principles of Genetics with Lab	4
BIOL 4441	Microbiology with Lab	4
Total		26