BS Microbiology

Fall Semester - Freshman		
BIOL 1004	Biology Orientation Seminar	1.0
BIOL 1105	Principles of Biology I	3.0
BIOL 1115	Principles of Biology LAB	1.0
CHEM 1035	General Chemistry I	3.0
CHEM 1045	General Chemistry LAB	1.0
ENGL 1105	First Year Writing I	3.0
MATH 1025 or	Elementary Calculus I	3.0
MATH 1225	Calculus of Single Variable I	
	Total	**15.0**

Spring Semester - Freshman		
BIOL 1106	Principles of Biology II	3.0
BIOL 1116	Principles of Biology LAB	1.0
CHEM 1036	General Chemistry II	3.0
CHEM 1046	General Chemistry LAB	1.0
ENGL 1106	First Year Writing II	3.0
MATH 1026 or	Elementary Calculus II	3.0
MATH 1226	Calculus of Single Variable II	
	Total	**14.0**

Fall Semester - Sophomore		
CHEM 2535	Organic Chemistry I	3.0
CHEM 2545	Organic Chemistry LAB	1.0
BIOL 2004	Genetics	3.0
BIOL 2604	General Microbiology	3.0
BIOL 2614	General Microbiology LAB	2.0
Pathways	Critical Thinking in Humanities	3.0
	Total	**15.0**

Spring Semester - Sophomore		
CHEM 2536	Organic Chemistry II	3.0
CHEM 2546	Organic Chemistry LAB	1.0
BIOL 2134	Cell Function Differentiation	3.0
STAT 3615	Biological Statistics	3.0
Pathways	Crit & Pract in Des & Arts	3.0
Pathways	Reasoning in Social Sciences	3.0
	Total	**16.0**

Fall Semester - Junior		
PHSY 2205	General Physics I	3.0
PHYS 2215	General Physics LAB	1.0
BIOL 3764	Careers in Microbiology	3.0
BCHM 3114	Biochem for Biotech/Life Scienc	3.0
BIOL 3774	Molecular Biology	3.0
Pathways	Critical Thinking in Humanities	3.0
	Total	**16.0**

Spring Semester - Junior		
BIOL 3104	Cell & Molecular Bio LAB	1.0
BIOL 4634	Microbial Physiology	3.0
PHYS 2206	General Physics II	3.0
PHYS 2216	General Physics LAB	3.0
Pathways	Advanced Discourse	3.0
Pathways	Reasoning in Social Sciences	3.0
	Total	**16.0**

Fall Semester - Senior		
BIOL 4624	Microbial Genetics	3.0
BIOL 4674	Pathogenic Bacteriology	3.0
BIOL 4724	Pathogenic Bacteriology LAB	2.0
MICB	Elective w/o LAB	3.0
Pathways	Identity & Equity in the US	3.0
	Total	**14.0**

Spring Semester - Senior		
MICB	Elective w/LAB	4.0
MICB	Elective w/LAB	4.0
Pathways	Crit & Pract in Design & Arts	3.0
	Free Elective	3.0
	Free Elective	3.0
	Total	**17.0**