

BIOCHEMISTRY (BA)

Course	Title	Hours
Freshman Year		
First Semester		
BIOL-1121	General Biology I	5
CHEM-1200	General Chemistry I Lecture	3
CHEM-1201	General Chemistry I Lab	1
MATH-1300	Calculus I	4
ENGL-1010	English Composition	3
Hours		16
Second Semester		
BIOL-1122	General Biology II	4
CHEM-1210	General Chemistry II Lecture	3
CHEM-1211	General Chemistry II Lab	1
MATH-1350	Calculus II	4
THEO-1100	Introduction to Theology	3
EXSC-1115	Wellness for Life	1
Hours		16
Sophomore Year		
First Semester		
CHEM-2200	Organic Chemistry I Lecture	3
CHEM-2201	Organic Chemistry I Lab	1
PHYS-2100	Classical Physics I	3
PHYS-2101	Classical Physics I Lab	1
Historical Foundation		3
Person and Community Foundation		3
Elective		3
Hours		17
Second Semester		
CHEM-2210	Organic Chemistry II Lecture	3
CHEM-2211	Organic Chem II Lab	1
PHYS-2010	College Physics II	3
PHYS-2011	College Physics Lab II	1
Historical Foundation		3
Aesthetic Foundation		3
PHIL-2100	Principles of Nature	3
Hours		17
Junior Year		
First Semester		
CHEM-3300	Quantitative Analysis	3
CHEM-3301	Quantitative Analysis Lab	1
CHEM-3500	Biochemistry I	3
CHEM-3501	Biochemistry I Lab	1
CHEM-4900	Chemistry & Biochem Colloquium	1
Philosophical Inquiry Foundation		3
Foreign Language		4
Hours		16
Second Semester		
CHEM-3311	Instrumental Analysis Lab	1
CHEM-3510	Biochemistry II	3

CHEM-3511	Biochemistry II Lab	1
Advanced Chemistry Elective		3
CHEM-4901	Chem & Biochem Colloquium 2	1
Faith Foundation		3
Foreign Language		4
Hours		16
Senior Year		
First Semester		
CHEM-4450	Topics in Biochemistry	3
CHEM-4451	Topics in Biochemistry Lab	1
CHEM-4801	Research I	1
CHEM-4902	Chem & Biochem Colloquium 3	1
Aesthetic Foundation		3
Faith Foundation		3
Elective		3
EXSC Fitness Course		1
Hours		16
Second Semester		
CHEM-4811	Research II	1
CHEM-4903	Chem & Biochem Colloquium 4	1
CHEM-COMP	Senior Comprehensive Exam	NULL
Electives		9-10
Philosophical Inquiry Foundation		3
Hours		14-15
Total Hours		128-129