

# CHEMISTRY (BA)

Course	Title	Hours
<b>Freshman Year</b>		
<b>First Semester</b>		
CHEM-1200	General Chemistry I Lecture	3
CHEM-1201	General Chemistry I Lab	1
MATH-1300	Calculus I	4
ENGL-1010	English Composition	3
Foreign Language		4
<b>Hours</b>		<b>15</b>
<b>Second Semester</b>		
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
Foreign Language		4
EXSC-1115	Wellness for Life	1
<b>Hours</b>		<b>16</b>
<b>Sophomore Year</b>		
<b>First Semester</b>		
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
Faith Foundation		3
Person and Community Foundation		3
<b>Hours</b>		<b>17</b>
<b>Second Semester</b>		
CHEM-2210	Organic Chemistry II Lecture	3
CHEM-2211	Organic Chem II Lab	1
PHYS-2110	Classical Physics II	3
PHYS-2111	Classical Physics II Lab	1
Aesthetic Foundation		3
Historical Foundation		3
PHIL-2100	Principles of Nature	3
<b>Hours</b>		<b>17</b>
<b>Junior Year</b>		
<b>First Semester</b>		
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
Advanced Chemistry Elective		3
Philosophical Inquiry Foundation		3
<b>Hours</b>		<b>15</b>
<b>Second Semester</b>		
CHEM-3311	Instrumental Analysis Lab	1
CHEM-3400	Inorganic Chemistry	3

CHEM-3401	Inorganic Chemistry Lab	1
CHEM-3800	Physical Chemistry I	3
CHEM-3801	Physical Chemistry I Lab	1
CHEM-4901	Chem & Biochem Colloquium 2	1
Electives		6
<b>Hours</b>		<b>16</b>
<b>Senior Year</b>		
<b>First Semester</b>		
CHEM-4801	Research I	1
Advanced Chemistry Elective		3-4
CHEM-4902	Chem & Biochem Colloquium 3	1
Aesthetic Foundation		3
Electives		6
EXSC Fitness Course		1
<b>Hours</b>		<b>15-16</b>
<b>Second Semester</b>		
CHEM-4811	Research II	1
CHEM-4903	Chem & Biochem Colloquium 4	1
CHEM-COMP	Senior Comprehensive Exam	NULL
Electives		9
Faith Foundation		3
Philosophical Inquiry Foundation		3
<b>Hours</b>		<b>17</b>
<b>Total Hours</b>		<b>128-129</b>