

**HENDERSON STATE UNIVERSITY**

**Bachelor of Science**

**Major: Chemistry**

**2019-2020**

Year 1			Year 1		
Fall Semester			Spring Semester		
Course No.	Course Name	Hrs	Course No.	Course Name	Hrs
CHM1014	University Chemistry I & lab*	4	CHM1024	University Chemistry II & lab*	4
MTH1273	Precalculus Math	3	MTH1253	Trigonometry	3
ENG1463	English A (or English Honors)	3	ENG1473	English B	3
GEN1031	Henderson Seminar	1		Social Science Elective	3
	Social Science Elective	3		Social Science Elective	3
HPR	Life Fitness or PE elective	1			
<b>Total Hours</b>		<b>15</b>	<b>Total Hours</b>		<b>16</b>
Year 2			Year 2		
Fall Semester			Spring Semester		
Course No.	Course Name	Hrs	Course No.	Course Name	Hrs
CHM3063	Organic Chemistry I*	3	CHM3073	Organic Chemistry II*	3
CHM3051	Organic Chemistry I Lab*	1	CHM3131	Organic Chemistry II Lab*	1
MTH1294	Calculus I*	4	MTH2044	Calculus II*	4
CHM2084	Quantitative Analysis & Lab*	4	PHY2234	University Physics I & Lab*	4
COM2013	Oral Communications	3		Core Elective	3
<b>Total Hours</b>		<b>15</b>	<b>Total Hours</b>		<b>15</b>
Year 3			Year 3		
Fall Semester			Spring Semester		
Course No.	Course Name	Hrs	Course No.	Course Name	Hrs
CHM4113	Physical Chemistry I*	3	CHM4143	Physical Chemistry II*	3
CHM4091	Physical Chemistry I Lab*	1	CHM4101	Physical Chemistry II Lab*	1
CHM3413	Introduction to Research*	3		Fine Arts/Humanities Elective	3
PHY2244	University Physics II & lab*	4	CHM3424	Inorganic Chemistry*	4
	Biology Elective & lab	4	CHM4181	Independent Research*	1
				Minor or Free Elective	3
<b>Total Hours</b>		<b>15</b>	<b>Total Hours</b>		<b>15</b>
Year 4			Year 4		
Fall Semester			Spring Semester		
Course No.	Course Name	Hrs	Course No.	Course Name	Hrs
	Chemistry Elective	4	CHM4154	Instrumental Analysis & Lab*	4
CHM4181	Independent Research*	1		Fine Arts/Humanities Elective	3
	University Writing or Tech. Writing	3		Non-Western Culture	3
	Minor or Free Elective	6		Minor or Free Elective	5
<b>Total Hours</b>		<b>14</b>	<b>Total Hours</b>		<b>15</b>

**Total Degree Hours 120 hours**

\*Required for Chemistry degree