

HENDERSON STATE UNIVERSITY

Bachelor of Science

Major: Chemistry

2016-2017

Year 1				Year 1			
Fall Semester				Spring Semester			
Course No.	Course Name	Hrs	LAC	Course No.	Course Name	Hrs	LAC
CHM1014	University Chemistry I & lab	4		CHM1024	University Chemistry II & lab	4	
MTH1273	Precalculus Math	3		MTH1253	Trigonometry	3	
ENG1463	English A	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					
Total Hours		15		Total Hours		16	
Year 2				Year 2			
Fall Semester				Spring Semester			
Course No.	Course Name	Hrs	LAC	Course No.	Course Name	Hrs	LAC
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	
Total Hours		15		Total Hours		15	
Year 3				Year 3			
Fall Semester				Spring Semester			
Course No.	Course Name	Hrs	LAC	Course No.	Course Name	Hrs	LAC
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			Humanities Elective	3	
PHY2244	University Physics II & lab	4		CHM4181	Independent Research	1	
CHM3424	Inorganic Chemistry	4			Minor or Free Elective	3	
					Biology Elective & lab	4	
Total Hours		15		Total Hours		15	
Year 4				Year 4			
Fall Semester				Spring Semester			
Course No.	Course Name	Hrs	LAC	Course No.	Course Name	Hrs	LAC
	Chemistry Elective	4		CHM4154	Instrumental Analysis & Lab	4	
CHM4181	Independent Research	1			Humanities Elective	3	
ENG3133	University Writing	3			Non-Western Culture	3	
	Minor or Free Elective	6			Minor or Free Elective	5	
Total Hours		14		Total Hours		15	
Total Degree Hours				_120_			